Lancaster Farming

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Bowman's Boycott Insurance . . .

Retailing Bull Beef For Surer Profits

One man's two-fold answer to the uncertainties of the livestock market has been to raise choice quality bull beef and retail sides and quarters to a growing list of repeat customers.

Clyde Bowman, Myerstown R2, has been doing just that for the past eight years. He figures he's giving his customers a better buy than they can get at the supermarket, while at the same time setting his own price at a level that guarantees a profit.

"Usually, I figure that I'll get an extra $30 a head by retailing my animals instead of taking them to the auction. Lately, though, the auction prices have been up there pretty well, and I'd probably make out just as well by running everything through the auctions. My customers, though, old ones and new ones, have been giving me more orders this year than ever before, and I've got to keep them happy."

Bowman's customers are presently paying 88-cents a pound, hanging weight, for a side or quarter of lean, bull beef. This 88-cent figure includes custom butchering, which is not done by Bowman, and a weight loss of maybe 50 pounds for bone and tallow. Most customers pay an additional charge for wrapping and freezing, and end up with about 250 pounds of choice beef for which they've paid $1.10 a pound. This means they've paid $1.10 for hamburger and chuck as well as steak and prime rib.

When asked if his customers considered this a fair deal, Bowman replied, "I can only say that they keep coming back, and I keep getting more and more customers every year. And I get very few complaints about the quality of the meat."

Mostly, Bowman's customers come to him. He relies on word of mouth advertising and repeat business, and it's proved to be a workable formula. At the end of the year, he does send an imprinted calendar to all the people who've bought from him during the year, and he hands out imprinted pens, but that is the extent of his advertising budget.

Growing bulls and slaughtering them while they still have their baby teeth, is an important

(Continued On Page 26)

Clyde Bowman, Myerstown RD2, has been selling his bulls directly to consumers for the past eight years. His formula for beef farming has helped insulate him from some of the livestock producer's perrenial problems.

Co. Calf Brings $1200 at Auction

Eleven Lancaster County Holstein calves went under the auctioneers gavel, for an average sale figure of $766, at last Saturday's state Holstein Calf Sale in the Harrisburg Farm Show Arena. Dale Peifer's $1200 calf was the third highesst for the state. Topping the sale at $1975 was a consignment from the Calvin Will farm in Berlin, Pa.

Other consignors of animals selling for $1000 or over were: Sunny Craft Farm, Clarence Stauffer, Ephrata; Bare Brithers, Lebanon; Gor-Wood D Acres, Gordon Wood, Mansfield; James L. Howes, Newtown; Harris D. Metzger, Cogan Station; Byron E. Over, Roaring Spring; Dale W. Peifer, Lancaster; C.R. & Verna Rakestraw, Montorsville; Clair M. Reiman, Berlin; and Wilmer L. Hostetter, Oxford.

Other local consignors were Dale Heistand, Ernest Sauder, Melvin Beiler, Donaly Eby, Richard Hershey, David King, John Metzler, Richard Landis and Thomas Lapp.

State-wide, the sale set new records, with 161 consignments averaging $615.21.

Buyers from California, Quebec, Virginia, Ohio, Connecticut, Indiana, New York, Iowa and Missouri purchased110 of the 161 consignments, the remaining 51 going to Pennsylvania buyers. The 1972 sale of 159 calves sold for an average of $561.48 with the top of $1375. The Somerset County Holstein Club repeated as the winner of the award for clubs with the highest averaging consignment.

The sale was part of the twentieth annual Pennsylvania State Holstein Show, where 247 head were shown before judge Richard Keene of Kenneland Farms, Gilbertsville, New York.

Judge Keene selected H&R Admiral Hurrah, a seven year old cow owned by Robert Gitt, Penn Gate Farms, Littlestown, Pa., as the Grand Champion of the show. The Reserve Grand Champion was shown by Donald V. Seipt, Keystone Farm, Easton, Pa ChampionBull honors went to a

(Continued on Page 18)

This Lancaster County calf sold for $1200 at the recent Pennsylvania Holstein Association State Calf sale in the Harrisburg Farm Show Building. The calf was consigned to the sale by Dale Peifer, far right. Others in the photo are Nathan Stoltzfus, Elverson, selector; Ray Johnson, Ft. Wayne, Ind., buyer; J. Eby Hershey, breeder.

Pa. Farmland - An Endangered Species

by
Donald A. Harter, PhD
Resource Development Agent
Penn State

(Editor's Note: In this article, Dr. Harter discusses some of the possible methods for saving farmland throughout the state, along with reasons for doing so.

A trip by air across the State on a clear day usually provides an unparalleled opportunity to view the abundance of Pennsylvania's natural and scenic resources Usually some of the passengers will comment on how much open land there is, with someone inevitably asking "What's all the concern about crowded living space? Look at all that undeveloped land and all of those farms!"

This kind of informal survey, however, lends credibility to the trite phrase about distance lending enchantment. While it is true that most of the State remains in forested and open space uses, fewer than 8 million acres are in farmland - a majority of which is marginal for agricultural production Only 2.5 million acres can truly be considered top-grade farmland.

Few of us think of farmland as

Continued on Page 12)

F&H Scholarship Forms Due May 1

One objective of the Lancaster County Farm and Home Foundation is to encourage higher education for Lancaster County's young people.

In this respect the Foun-foundation has announced a number
agriculture and home economics. Depending upon the financial need and ability of applicants, a maximum of ten scholarships may be awarded.

Each scholarship award will be for $400 and may be used to help defray tuition, fees, or room and board expenses at any accredited college or university, which offers a course of study in agriculture and-or home economics.

Scholarship funds come through earnings from an irrevocable trust fund set up by the late Elmer L. Esbenshade, one of the founders of the Lancaster County Farm and Home Foundation. The income from this trust fund will be offered

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Farm Calendar

Monday, April 9

7:30 p.m. — Elm- Penryn 4-H club meeting, Penryn Fire Hall. Fulton Grange Youth Night.

(Continued on Page 18)

Local Livestock Market, Auction News

Lancaster Market

Monday, April 2

	Cattle	Calves	Hogs	Sheep
Today	594	117	481	239
Last Week	728	105	821	66
Last Year	617	182	844	330

CATTLE: Compared to last Wednesday slaughter steers 75 to 1.50 higher, with Standard and low Good strong to 50 higher; cows 1.00 higher; bulls 1.00-2.00 higher. Supply included 279 in afternoon auction.

SLAUGHTER STEERS: Choice 1050-1325 lb. 46.35-48.00, few 48.00-48.85; high Good and low Choice 44.35-46.50, few 46.50-47.25; Good 41.25-44.75; Standard and low Good 39.25-41.00.

COWS: Utility and high dressing Cutter 32.00-34.25; Cutter 30.00-32.50. Canner and low Cutter 28.50-30.00.

BULLS: Choice 42.25-44.10; Good 39.50-42.10; Utility and Commercial 40.00-43.00, few 43.50-45 50

VEAL CALVES: VEALERS uneven, Choice and Prime 1 00 to 3.00 lower, other grades steady to 1.00 lower Good demand for Calves returned to farm.

VEALERS: Prime 67.00-70.00, couple 71 00; Choice 62.00-67.00; Good 57 00-62 00; Standard 50.00-57.00

WOOLED LAMBS: Good and Choice 70-95 lb. 33.00-40.00.

SPRING LAMBS: Choice and Prime 30-75 lb 40 00-45 00, few 30-50 lb 45 00-50.00.

Peoria Cattle

Thursday, April 5

Cattle Weekly: Receipts this week 2300, Last week 4656; Last year-3826

(As compared to last weeks close) Slaughter Steers ended 1 50-2 00 higher Slaughter Heifers closed unevenly steady after Wednesdays sharp decline Cows were mostly 3 00-3 50 higher Few bulls ended steady Supply mainly choice Slaughter Steers and Heifers

Slaughter Steers Choice and Prime 1175-1250 pounds 2-4, 48 00-48 25, Wednesday, some up to 48 50 on Monday Choice 950-1350 pounds 2-4, 45 75-48 00 Mixed Good and Choice 950-1250 pounds 44.50-46 00 Good 42 00-44 50

Slaughter Heifers Load Choice and Prime 1000 pounds 2-4, 45 00, on Wednesday Choice 825-1050 pounds 2-4, 43 25-44.75 Wednesday, up to 46 25 on Monday Mixed Good and Choice 750-950 pounds 42 00-43 50. Good 39 75-42 00.

Cows Commercial 28 50-33 50. Utility 33.50-35 00 High yielding Utility 35 00-36 00, some 36 50. Cutter 28.50-33 50 Canner 24.00-28.50.

Bulls Utility and Commercial 33 50-40 00 High yielding Utility 40 00-42 00

Vintage Auction

Tuesday, April 3

	Cattle	Calves	Sheep
Today	598	436	98
Last Week	979	695	153
Last Year	1010	619	124

CATTLE: Compared to last Tuesday slaughter steers 25 to 50 higher; cows 50 to 1.50 higher; bulls strong to 50 higher.

SLAUGHTER STEERS: High Choice and Prime 1050-1275 lb. 48.25-49 85; load mostly Choice yield grade 2 & 3 1200-1450 lb. 48.50-49.85; Choice 950-1300 lb. 46.75-48.50; high Good and low Choice 45.50-47.00; Good 42.50-45.50; Standard and low Good 39.00-42.25.

COWS: Utility and high dressing Cutter 33.75-36.50, few 36.75-37.60; Cutter 32.00-34.50; Canner and low Cutter 30.00-32 00.

BULLS: Choice 43 00-46.00; Good 40.00-43.00; Utility and Commercial 40 50-43.00, three head 48.10-50.10.

VEAL CALVES: Vealers steady to 2.00 lower; Very good demand for calves returned to farm.

VEALERS: Prime 68.00-72.00, couple 74.50; Choice 63.00-69.00; Good 54.00-64.00; Standard 48.00-56.00

RETRUNED TO FARM: Bulk 100-120 lb. Holstein Heifers 105.00-115.00, with Utility Holstein Heifers 90-105 lb 88 25-99.00; Bulk 90-125 lb. bulls calves 75.00-86.00, with Utility bull calves 80-95 lb. 53 00-56.00

SHEEP: Supply mainly 30-65 lb spring slaughter lambs. Spring lambs mostly steady.

SPRING LAMBS: Choice and Prime 30-65 lb. 40.00-50.00, few 25-45 lb 59.50-67.00.

New Holland Horse Auction

Monday, April 2

Reported receipts of 532 head of horses, mules and ponies; market steady with last weeks market

Load Kansas riding horses, single, 140-590.

Load Tennessee riding horses, singles, 195-350.

Load North Carolina work horses and riding horses; riding horses, single, 255-440; work horses, single, 265-430; pairs, 485-650

Local work horses, singles, 325-610, pair 600-1000; mules, 160-250; driving horses, 160-250; driving horses, 165-500; riding horses, 160-235; better horses, 275-440.

Lightweight killers, 11-15; heavyweight killers, 16-18.

Mare ponies, 15-30; colts, 5-10; geldings, 15-25; larger ponies, 35-55

Lancaster Auction

Wednesday, April 4

CATTLE: Compared to Monday slaughter steers 50-75 higher; cows 3-4.00 higher; bulls 2-3.00 higher.

SLAUGHTER STEERS: High Choice and Prime 1050-1400 lb. 48.50-49.85; Choice 850-1450 lb. 46.60-49.00, couple lots 49.25-49.35, including lot 1454 lb. yield grade 2 & 3 49.35; high Good and low Choice 45.00-47.00; Good 42.00-45.00; Standard and low Good 40.00-42.85.

SLAUGHTER HEIFERS: Choice 750-950 lb. 42.85-45.35; Good 40.50-42.50.

COWS: Utility and high dressing Cutter 34.50-38.00, few 38.00-38.50; Cutter 32.75-35.50; Canner and low Cutter 31.00-33.25.

BULLS: Choice 44.00-46.00, couple 46.85-47.00; Good 41.50-44.00; Utility and Commerical 41.75-45.25, three head 46.75-48.25.

VEAL CALVES: Vealers steady to weak.

VEALERS: Prime 67.00-70.00; Choice 62.00-66.00; Good 57.00-63.00; Standard 50.00-57.00

SHEEP: Spring slaughter lambs 1-3.00 higher.

SPRING LAMBS: Couple lots Choice and Prime 55-60 lb. 56.00-56.50; Couple lots Choice and Prime 80-85 lb. 47.50-48.00.

Lebanon Valley Auction

Tuesday, April 3
187 Head of Cattle

Compared with last weeks market, slaughter cows active $1.50 to mostly $2.25 higher.

STEERS: Good and Choice (few) 44.85-47.75; Standard (few) 40.10-42.00.

HEIFERS: Choice (couple) 41.75 and 42.25; Standard (couple) 39.75 and 40.00.

COWS: Utility and High Dressing Cutter 34.85-36.75, couple to 37.50; Cutters 33.75-35.00, Canners 31.00-34.00; Shells down to 28.00.

BULLS: Good (few) 42.10-45 50; Utility and Commercial 39.75-47.10.

187 Head of Veal Calves

Choice 60.00-65.00; few Good 57 00-62.00; Utility 90-120 pounds (few) 46.00-49.00; 70-85 pounds (few) 40.00-46 00.

FARM CALVES: Holstein Bulls 85-130 pounds 67.00-82.00; Holstein Heifers 90-140 pounds 80 00-112.00; Beef Cross Bull Calves 85-130 pounds 90.00.

13 Head of Sheep

Choice 50-75 pound spring slaughter lambs (few) 48.00-53.00.

New Holland Auction

THURSDAY, APRIL 5

CATTLE: 1043. Compared to last Thursday Slaughter Steers 1.00-1.50 higher, instances 2.50 higher on early sales; Cows 3.00-4.00 higher; Bulls uneven mostly 1.00-2.00 higher with few sales steady.

SLAUGHTER STEERS - High Choice and Prime 1100-1350 pounds 48.10-48.75. Load 1380-1425 pounds 47.25-48.25. Choice 950-1350 pounds 46.25-48.50, few late sales 45.35-46.25. High Good and low Choice 44.60-46.50; Good 41.75-45.85; Standard and low-Good 39.00-41.75.

COWS - Utility and High Dressing Cutter 44.75-47.00, few 37.25-37.85 with a couple 38.25-38.85. Cutter 33.00-36.00. Canner and low Cutter 30.00-33.00.

BULLS - Choice 43.25-44.00, couple 45.50-46.50; Good 40.00-42.50. Utility and Commercial 41.00-44.25, few 43.50-44.00. Cutter and low Utility 38.50-40.50.

VEAL CALVES - 371. Vealers weak to 2.00 lower. Demand fair for calves returned to farm.

VEALERS - Prime 67.00-70.50, couple 71.00-72.50. Choice 63.00-68.00; Good 56.00-63.00; Standard 50.00-56.00.

SHEEP - 9. Few head Choice and Prime 40-60 pounds. Spring lambs fully steady 51.00-54.00.

Monday, April 2

83 loads of hay and 20 loads of straw sold as follows (prices per ton).

Alfalfa 50.00-77.00, few loads 96.00. Timothy 31.00-46.00, few loads 60.00. Mixed hay 31.00-65.00. Clover, few loads 40.00-76.00. Straw 30.00-39.00, few loads 47.00. Orchard Grass, one load at 35.00. Ear Corn, 4 loads 25.00-51.00.

Calf Receipts 69.

Choice and Prime 64-71; Standard 52-56.50; Good and Low choice 57-63.50; Common 35-51.50.

Local Grain

Thursday, April 5

These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel except for ear corn which is per ton.

The average local grain prices quoted Thursday, April 5, 1973, are as follows:

BID+	OFFERED+	
Ear Corn	44.00	50.33
Shelled Corn	1.74	1.93
Oats, Local	.87	1.08
Oats, Western	1.22	1.35
Barley	1.33	1.67
Wheat	2.09	2.32

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Composite Report

CATTLE - 3400. Compared to last week's close.

SLAUGHTER STEERS - 1.00-2.00 higher.

COWS - 3.00-5.00 higher.

BULLS - Strong to 3.00 higher.

Supply included an estimated 40 percent Slaughter Steers, 20 percent Cows, 15 percent Bulls with the balance mainly Feeder Steers.

SLAUGHTER STEERS - High Choice and Prime 48.00-49.85. Load 1380-1425 pounds 47.00-48.25. Choice 950-1425 pounds 46.25-49.00. Couple loads Choice 1220-1450 pounds. Yield grade 2 and 3 49.00-49.85. High Good and Low Choice 44.50-47.00; Good 41.75-45.50; Standard and Low-Good 39.00-42.50.

SLAUGHTER HEIFERS - Choice 750-950 pounds 42.85-43.85. Good 40.50-42.50.

COWS - Utility and High Dressing Cutter 34.50-38.00, few 38.00-38.85. Cutter 32.50-36.00. Canner Low Cutter 30.00-33.00.

BULLS - Choice 43.00-46.00, couple 46.00-47.00. Good 40.00-43.00. Utility and Commercial 41.00-45.25, few 46.00-48.25.

VEAL CALVES - 1,000Vealers. Weak to 2.00 Lower. Good demand for Calves returned to farm.

VEALERS - Prime 67.00-70.50, few 70.50-74.00; Choice 63.00-69.00; Good 54.00-64.00; Standard 48.00-57.00.

Green Dragon Hay

Friday, March 30

68 loads hay, including: Alfalfa 49.00 - 84.00; Timothy 29.50 - 50.00; Mixed hay 34.50 - 64.00, few to 82.00; few loads Clover 51.00 - 76.00.

25 loads straw 28.00 - 35.00.

7 loads corn 44.50 - 50.00.

Many Names

The long rifle was noted for its reliability and became famous due to the exploits of frontiersmen, such as Davy Crockett. It was called the "Kentucky rifle," "American rifle," and "Pennsylvania rifle."

* * *

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Hog Prices

Vintage Auction

Saturday, March 31

HOGS 515: Barrows & Gilts: Mostly 50c higher. US No. 1-2 205-230 lbs. 39.35-39.75, No. 1-3 200-235 lbs. 38.10-38.75, No. 2-3 210-255 lbs. 37.10-38.00, No. 2-4 250-280 lbs. 35.75-37.10, few No. 2-4 145-180 lbs. 33.25-33.75.

SOWS: US No. 1-3 290-495 lbs. 29.00-30.75.

BOARS: 26.00-29.35.

Wednesday, April 4

HOGS 444: Barrows & Gilts: Mostly $6 to $7 higher than last Wednesday. US No. 1-2 200-240 lbs. 39.00-39.75, few 40.00, No. 1-3 200-250 lbs. 38.25-39.00.

SOWS: US No. 1-3 300-550 lbs. 29.00-32.25.

BOARS: Individual at 29.00.

Lancaster Auction

Wednesday, April 4

Barrows and gilts 50-1.00 higher.

BARROWS AND GILTS: US 1 210-240 lb. 38.75-39.25. US 1-2 195-255 lb. 38.25-38.75. US 2-3 240-255 lb. 37.10-38.00.

Indianapolis Auction

HOGS 2000.

Barrows and gilts 50-75 lower. US 1-2 200-235 lb. 36.75-37.00, 31 head 37.25. US 1-3 200-250 lb. 36.25-36.75.

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Lancaster Market

Monday, April 2

Compared to last Wednesday barrows and gilts 4.00 to 5.00 higher.

BARROWS AND GILTS: US 1 210-230 lb. 38.00-38.50. US 1-2 200-240 lb. 37.00-37.50. US 2-3 190-255 lb. 36.00-36.75.

Slaughter lambs mostly steady; Slaughter ewes 2.00 to 3.00 higher.

New Holland Auction

Monday, April 2

HOGS 683: Barrows & Gilts: 50c to $1 lower. US No. 1-2 200-240 lbs. 37.00-38.50; US No. 1-3 200-245 lbs. 36.00-37.00; US No. 2-4 230-270 lbs. 35.00-36.00; US No. 2-4 160-190 lbs. 34.25-36.00.

SOWS: US No. 1-3 300-550 lbs. 27.50-29.25.

BOARS: 27.50-29.00.

St. Louis Auction

HOGS 5000.

Barrows and gilts mostly 1.00 lower. US 1-2 200-230 lb. 37.00-37.25, few 37.40-37.50. US 1-3 200-250 lb. 36.50-37.00.

PEORIA AUCTION

HOGS 3500.

Barrows and gilts opening 50-1.00 lower. US 1-2 200-240 lb. 36.50-37.00, 75 head 37.10; US 1-3 200-260 lb. 36.00-36.50.

Lebanon Valley Auction

Tuesday, April 3,

91 Head of Hogs

Barrows and Gilts $5 to $5.50 higher.

BARROWS AND GILTS: U.S. 2-3 180-230 pounds 39.60 - 40.10.

SOWS: U.S. 1-3 400 - 475 pounds (few) 30.00 - 32.00.

BOARS: (Few) 25.00 - 27.25.

15 Head of Feeder Pigs

One lot Utility 35 pound feeders 19.50 per head.

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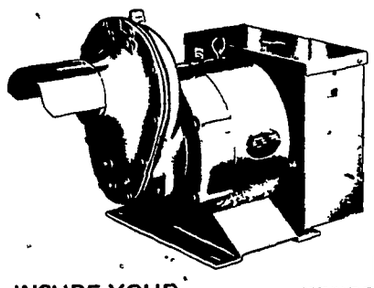

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Thursday, April 5

Estimated Receipts	4,700
Same Day Last Week	8,072
Same Day Last Year	14,708

Slow, compared to late last week, feeder cattle under 500 pounds steady to 1.00 lower; Offerings over 500 pounds 2.00-3.00 lower; Majority receipts Good and Choice 400-800 pound steers and 375-700 pound heifers: Moderate attendance buyers. Salable receipts sharply curtailed due to consumer boycott, producers withholding action and generally muddy conditions in the marketing area.

SALES AS OF 12:30 P.M.

Feeder Steers: Choice, few Prime 300-400 pounds 61.50-69.75; 400-500 58.25-61.50, few part loads 424-445 pounds 64.50-65.10 and load 410 pounds at 68.70; 500-600 52.00-56.25; 600-700 49.00-53.30; 700-800 47.00-49.70, two part loads 720-740 pounds 50.30-51.00 and part load 751 pounds at 53.30; few small lots 800-831 pounds 46.60-48.90; Mixed Good and Choice 300-500 pounds 52.00-59.25; 500-650 49.50-52.25; few 700-800 pounds 45.75-48.60; Good 500-730 pound 45.00-48.75.

Holstein Steers: Good 300-371 pound 58.00-58.25; 439-483 53.70-55.50; 541-700 43.25-46.40; 700-800 43.25-44.40.

Feeder Heifers: Choice, few Prime 300-400 pound 52.00-54.75; 400-500 47.00-52.25, two part loads 428-460 pound 53.00-55.00; 500-600 43.50-47.80, small lot 517 pound at 49.25; 600-700 41.75-45.00; 700-800 41.00-44.00, small lot 725 pound at 44.70; Mixed Good and Choice 300-500 pound 46.50-49.50; few 500-650 pound 40.00-42.00; Good 582-624 35.00-38.00.

Regional Hay Prices

Monday, April 12, 1973

(All hay No. 2 and better prices paid by dealers at the farm price per ton.)

Hay and Straw steady to weak.

Alfalfa	50.00-70.00
Mixed hay	35.00-55.00
Timothy hay	30.00-40.00
Straw	20.00-30.00
Mulch	15.00-20.00

Futures Trading

(Closing bids as of Thursday, April 6

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
April	43.35	34.65	7.03	42.25
May			8.20	41.60
June	42.70	44.90		43.20
July		35.10		47.70
August	42.45	33.70		49.50
September				53.50
October	42.20	31.60		50.00
November			3.43	50.25
December	42.25	31.70		51.90
February '74	42.90	31.80		
April	42.80	29.80		

Trend - Cattle are stronger, Hogs are steady, Potatoes are steady and Eggs are higher.

a-asked....b-bid... n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

Pa. Auction Summary

Weekly Summary of 19 Livestock Markets Week Ending March 30

Cattle 7403, compared with 7337 head last week, and 5506 head a year ago. Compared with last week's market, slaughter steers steady to $1 lower. Slaughter cows 75c to $2 lower. Slaughter bulls unevenly steady to 75c lower.

Steers: High Choice and Prime 46.35-48.85; Choice 44.00-47.50; Good 41.00-45.00; Standard 38.25-42.10; Utility 35.75 - 38.60.

Heifers: Choice 41.50-44.00; Good 39.25-42.00; Standard 37.00-40.10.

Cows: Utility and High-Dressing Cutter 31.10-35.25; Cutters 29.75-34.00; Canners 28.25-31.00; Shells down to 26.00.

Bulls: Choice 41.75-45.60; Good 39.25-43.50; Utility and Commercial 37.00-42.00; Cutters 34 20-38.00.

Feeder Cattle: Choice 300-650 pounds feeder steers 57.00-66 00; Good 45.00-57.50; Medium 38.00-46.00; Good 300-650 pounds feeder heifers 43.50-51.00; Medium 38.00-46.50

Calves 3947, compared with 3837 head last week, and 4137 head a year ago. Vealers mostly $1 to $2 lower.

Vealers: Prime 69.50-74.00; Choice 66.00-70.50; Good 62.00-67.00; Standard 55.00-63.00; Utility 90-110 pounds 45.00-52.00; 70-85 pounds 38.00-46.00.

Farm Calves Active: Holstein Bulls 85-125 pounds 50.00-80.00; Holstein Heifers 80-150 pounds 62.00-122.00

Hogs 7563: Compared with 6938 head last week, and 8985 head a year ago. Barrows and Gilts $2.50 to $8 lower, very uneven.

Barrows and Gilts Few US 1-2 205-235 pounds 32 00-38 25; 2-3 195-245 29.80-37 00, 2-4 185-260 28 80-35.90; 2-4 120-185 24 00-32 90

Sows: US 1-3 300-600 pounds 27 50-34.00; 2-3 300-650 25 00-30.00

Boars: 21 00-29.30.

Feeder Pigs 683, Compared with 252 head last week, and 540 head a year ago. U.S. 1-3 20-35 pounds feeder pigs 15.00-23.00 per head; 1-3 35-50 19 50-30.50 per head.

Sheep 789: Compared with 469 head last week, and 4280 head a year ago. Spring slaughter lambs steady to $4 lower. Choice and Prime 40-60 pounds spring slaughter lambs 50.00-59.00; Choice 50-100 41.50 - 50.00; Choice 80-100 wooled slaughter lambs 39.50-44.00; Good 70-90 34.00-40.00. Slaughter ewes 6.00-19.25.

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	HOGS	SHEEP
This Week	367,000	1,124,000	111,000
Last Week	426,000	1,151,000	128,000
Last Year	444,000	1,277,000	166,000

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New Holland Dairy Cattle

Wednesday, April 4

Reported receipts of 111 cows, 7 heifers, 3 bulls; market steady with last weeks market.

Load Wisconsin cows, fresh, 640-670.

Load Franklin County cows, fresh, 565-650; springers, 560-670.

Load New York State cows, fresh, 445-730.

Lehighton County herd dispersal, 24 head, all stages of production, 300-640.

Maryland herd dispersal, 50 head, all stages of production, 305-620.

Local cows, 430-715.

Springing heifers, 455-575.

Bulls, 275-530.

Poultry Market Reports

Fogelsville

Tuesday, April 3

Heavy type hens 11-40, mostly 20-30; Pullets 33-42, mostly 36-40; Roasters 31-49, mostly 38-47; Capons 52-59; Ducks 45-46; Drakes 43-50; Turkeys-hens 43; Rabbits 65-80, mostly 75-76; Guineas 75-80; Pigeons (per pr.) 50-3.80.

Total coops sold 284.

Auction every Tuesday. Poultry received Monday 7 p.m. to 10:30 p.m., Tuesday 7 a.m. to 12 Noon, Sale at 11:30 a.m.

Directions - Take Rt. 22 thruway. Exit at Fogelsville Exit. North on stoplight in Fogelsville. Turn left, proceed 1 mile.

Tuesday, April 3

Pullets 34-45, mostly 42-45; Ducks 49-52; Drakes 42-57½ Geese 38½; Rabbits 65-79, mostly 75-77; Guineas 84-95, mostly 90-95; Pigeons (per pair) 1.59-2.80. Total coops sold 224.

Delmarva

Wednesday, April 4

BROILER-FRYER MARKET

Ready to cook movement irregular, ranging light and disappointing at some terminal markets while good elsewhere. Slaughter schedules generally well maintained. Less than trucklot prices unchanged on both plant and US Grade A. Live supplies adequate: Undertone unsettled.

Negotiated trucklot prices 2-3 lb. ready to cook broiler-fryers for delivery this week Plant Grade 44. Pool trucklot prices for Thursday arrival; U.S. Grade A 47-49½, mostly 47; Plant Grade 46-47½, mostly 46.

Eastern Pa. and N. J.

Wednesday, April 4

LIVE POULTRY

Prices 1c higher on light type hens. Occasional unconfirmed sales reported slightly higher. Demand good for barely adequate to short offerings. Offerings of heavy type hens adequate for a fairly good demand. Prices paid at farm: Light type hens 8-12, mostly 11½-12 in Pa., mostly 11-12 in N.J. Heavy type hens TFEWR.

Egg Market

Wednesday, April 4

Baltimore Eggs

Market Steady. Movement good on large where featured but only fair through other outlets.

Supplies are adequate.

Cartoned eggs: Prices to retailers, state graded (Min One Case Sale) White

Grade A large 56-64, Mostly 57-60.

Grade A Medium 53-61, Mostly 55-58.

Wednesday, April 4

Philadelphia Eggs

Prices steady, demand fair to good where widespread feature activity involved. Offerings of all sizes continue fully adequate to adequate for needs. Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered store door A Extra Large 54-55½; A Large 53-54½; A Medium 48½-50

Omaha

Thursday, April 5

Cattle: compared with last week's close: After a period of very uneven trading, closing prices on slaughter Steers barely steady with late previous week under very narrow demand. Heifers steady to 50 lower. Cows 3.00-4.00 higher and bulls strong to 1.00 higher. Feeders 50-1.00 higher early but trade not well tested late.

Four day receipts only 9,000 as compared 17,400 previous week and 16,600 a year ago. For second successive week, trading on slaughter steers and heifers wildly erratic Supplies substantially below normal as heavy weekend rains made early livestock movement over secondary roads difficult and deteriorated feedlot conditions. Steers made up approximately 30 percent, and heifers 42 percent, predominance good to average-Choice and mud quite prevalent. Cows near 15 percent, feeders 10 percent.

Weekly New York Egg Market

(From Monday, April 2nd to Friday, April 6th.)

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	49	36	49	51	51
Large	49	49	49	51	51
Mediums	46	46	46	48	48
Pullets	35	35	35	35	35
Peewees	25	25	25	25	25
BROWN					
Fcy. Large	47	48	48	50	51
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Standards	45	45	45	45	45
Checks	32	32	32	32	32

Longtone - Full steady.

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New England Weekly Shell Egg Report

New England Weekly Shell Egg Report

Tuesday, April 3

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:-

	EX LARGE	LARGE	MEDIUM	SMALL
MASS+	54-60	52-58	48-56	32-40
Mostly	55-57	53-55	49-51	33-35
NEW HAMP	55-63	53-61	49-57	33-41
Mostly	57-58	55-56	51-52	35-36
R.I. MOSTLY	56½-57½	54½-55½	51½-52½	35-36½
VERMONT Mostly	63-68	60-65	55-58	TOO FEW
MAINE Mostly	59-61	57-59	53-55	37-39

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New York Dressed Meats

Compared with Wednesday, prices steady for beef, veal and calf. Pork cuts, lamb mostly $1.00 lower.

Small supplies of fresh meats adequate throughout as movement into retail channels is disappointingly slow. Lamb chucks on a peddling basis and offered out 15c to 20c lower than week previous.

STEER BEEF

Prime 600-900 pounds 72.50-74.00; Choice 600-700 72.50-74.00; 700-800 72.50-73.50; 800-900 72.00-73.00; Good 500-800 70.00-71.00.

HEIFER BEEF

Choice 500-700 72.00-73.00.

CALF (SKIN OFF)

150-350 Pounds

Choice 83.00-89.00; Good 80.00-86.00; Standard 76.00-79.00.

VEAL (SKIN OFF)

Choice 90-150 pounds 110.00-114.00; Good 60-90 107.00-110.00; Standard 60-120 89.00-92.00.

LAMB

Choice 30-55 pounds 76.50-78.00; 55-65 74.00-76.00.

CHOICE BEEF CUTS

Hinds (Steer) 145-190 pounds 82.00-84.00; Arm Chucks 90-105 66.00-68.00; Ribs (7-Rib) 34-40 88.00-92.00; Loins (Trmd) 50-70 102.00-105.00; Rounds (Steer) 70-95 75.00-80.00; Full Plates 52.50-53.00; Hinds (Heifer) 120-170 81.00-83.00.

FRESH PORK CUTS

Loins (Regular) 8-14 pounds 77.00-79.00; 14-17 76.00-78.00; Picnics (Regular) 4-8 49.00-50.50; Boston Butts 4-8 67.00-70.00; Spareribs 3 pounds down 78.00-81.00; Hams (Skinned) 14-17 70.50-74.00; 17-20 69.50-71.00.

KOSHER MARKET

KOSHER STEER BEEF AND LAMB: Prices unchanged mid week outlet fair.

THE OLD FARMER'S ALMANAC

APRIL 9-15

Temperature drop might kill some apple crops.

Income taxes due on the 15th . Moll Pitcher died April 9, 1913 . . . First quarter of the Moon April 9 . . . Walrus mating now . . Average length of days for week, 13 hours, 16 minutes . . Titantic sank April 15, 1912 . . Plant shrubs now . . . Green meteor seen from Maine to Delaware April 11, 1949 . . . Pony Express started April 9, 1860 . . . Maine sardine season opens . . Let thy vices die before thee.

Old Farmer's Riddle: What's the difference between a high mountain and a spoonful of castor oil? (Answer below.)

Ask the Old Farmer: Recently a friend and I have been trying without success to find whale oil for a Cape Cod lighter. Would you by any chance be able to put us on the track of some?
M.B.W., Concord, N H.
Oil from sperm whale is sold in small quantities by the Whaling Museum of New Bedford, Mass.

Home Hints To avoid odor when cooking cabbage, put a heel of bread on the cabbage before covering to cook . . Keep ants out by putting talcum powder along their favorite entrances . . *Riddle answer.* One's hard to get up and the other is hard to get down

OLD FARMER'S WEATHER FORECASTS

New England: Cool to start, 2-4" snow in mountains, then rain; rain, heavy at first, continuing through end of week.

Greater New York-New Jersey: Light rain and cool all week.

Middle Atlantic Coastal: Warm with intermittent rain at first, then heavy rain; Cloudy and cold latter part, then showers.

Southeast Coastal-Piedmont: Week begins cloudy and warm, then rain and cold; clear and warm end of week.

Florida: Cloudy and warm to start, then rain in central region and along coast; clear and cool latter part.

Upstate & Western N.Y.-Toronto & Montreal: Light rain at first, then heavy rain and cold; rain mixed with snow in east and light snow in west latter part

Greater Ohio Valley: Week begins clear and cool, then rain; 3-5" snow in east at week's end, clear and warm in west

Deep South: Cloudy and warm to start, then heavy rain and cold; end of week generally clear and becoming hot.

Chicago and Southern Great Lakes: Intermittent rain mixed with snow for most of week; end of week clear and unseasonably warm with 3-5 snow in southeast.

Northern Great Plains-Great Lakes: Light snow and cold to start, then partly cloudy and cool; clear and warm latter part, then rain.

Central Great Plains: Clear and cold at first, then rain; end of week clear and unseasonably warm, then rain.

Texas-Oklahoma: Week begins clear and warm, then rain and cool; clear and hot latter part

Rocky Mountain Region: Rain to start, then clear and warm; end of week very warm, then light rain and cool.

Southwest Desert: Clear and hot, highs in 90s, most of week; cloudy and cooler for weekend.

Pacific Northwest: Most of week clear and warm; cloudy and cooler latter part

California: Clear to start, then very warm by midweek; light rain latter part, then cloudy and cool by weekend.

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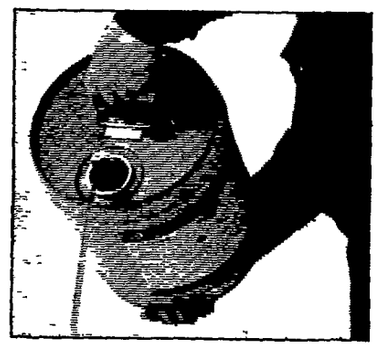

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Birdsfoot, Grass Mixture Is Tops In Forage Study

Pastures with highest yields for beef cattle in Pennsylvania have been determined in five years of studies by crop and animal scientists at The Pennsylvania State University.

The highest yielding pastures were those seeded to birdsfoot trefoil and combined with any one of the following grasses—orchardgrass, smooth bromegrass, orchardgrass, smooth bromegrass, or reed canarygrass. This combination provided 151 grazing days per season and gave yield ranging from 2.8 to 3.9 tons per acre per year.

Orchardgrass used alone furnished 146 grazing days per acre each season and yielded from 2.6 to 4.0 tons per acre. Grazing days per season dropped to 111 with Kentucky bluegrass pastures and total yields ranged from 2.4 to 3 tons of dry matter per acre.

The results of the five-year studies were announced recently by Dr. John B. Washko, professor of agronomy at Penn State, during the 4th Forage Institute held at Coshocton, Ohio. Cooperating on the research were Dr. Lowell L. Wilson, Professor of animal science, and managers of the 210 Angus-Holstein cow and calf herd at the State Correctional Institution at Rockview.

Dr. Washko indicates similar results could be obtained in other Northeastern states. The findings will be featured again on March 22 during Livestock Day at Penn State.

With the demand for beef continuing to rise, the study proved the value of using marginal land, unsuited for row crops, to produce forage for livestock. The 210 crossbred cows and calves were pastured on 325 acres of land, mostly unsuited for row crops.

The crossbred cows and calves were divided into five groups ranging from 40 to 50 head of cattle in each group. They were grazed rotationally from the first week in May until November. From the time of lush pasture growth in spring until July 1, each cow and calf was provided 1 ½ acres of grazing land. During the rest of the season, each cow and calf was given 1 2-3 acres of pasture. From 3 to 5 pastures were assigned to each of the five groups.

Lime and fertilizer were applied either in the fall or spring according to soil tests. Nitrogen was applied in two applications of 50 pounds each, the first in early spring and the second in July. Forage yields and samples for chemical analysis were taken on each pasture prior to grazing. The pastures were mowed after each grazing to remove unpalatable growth and weeds.

Crude protein and total digestible nutrient content of first grazed forage tended to be lower than for second, third, and fourth grazings. Crude protein content of pasturage containing birdsfoot trefoil was higher than that of grass pasturage alone.

During the lush growth period in late spring, surplus pasture was mowed and removed as hay in two of the five years for the tall-growing species.

Red Rose Beef Club Has Panel Discussion

The monthly meeting of the Lancaster County Red Rose Baby Beef and Lamb Club was held Wednesday evening at the Farm and Home Center.

The business meeting was conducted by the president, Ed Hess.

The program was a panel discussion on Feeding and Showing. Panel members were: Earl Dehmey, 4-H beef leader from Dauphin County; Glenn-Glenn Flickinger, Animal Science enior at Delaware Valley College; Bill Holloway, 4-H beef leader from Chester County. Members of the Club and Max Smith a ag agent and Club leader, asked questions of the panel.

The next meeting will be May 2 at the Farm and Home Center.

Feb. Order 4 Milk Price Up

The February uniform price for base milk in federal order 4 increased 10 c from the previous month, while excess milk showed an increase of 1c, according to a report received this week from Andrew Marvin, fieldman for Inter-state Milk Producers Coop.

In comparison to February levels one year ago base milk was up 49c and excess up 46c.

The weighted average price for the market was $7.28, an increase, of 49c above February 1972.

A total of 354 million pounds of producer milk was pooled in February of which 67.41 per cent was sold as Class I, showing an increase of .93 per cent of deliveries made in January, and 2.09 per cent increase from Feb. a year ago. 8125 Order No. 4 producers provided 12.6 million pounds per day to dealers during February, averaging 1555 pounds per day per farm. Total value of producer milk was set at $25,851,556.16 for the month.

Base Milk Price	$7.54
Excess price	$5.44
Butterfat differential	.078+

Andrew A. Marvin, Fieldman
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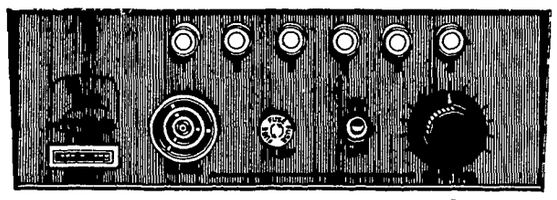

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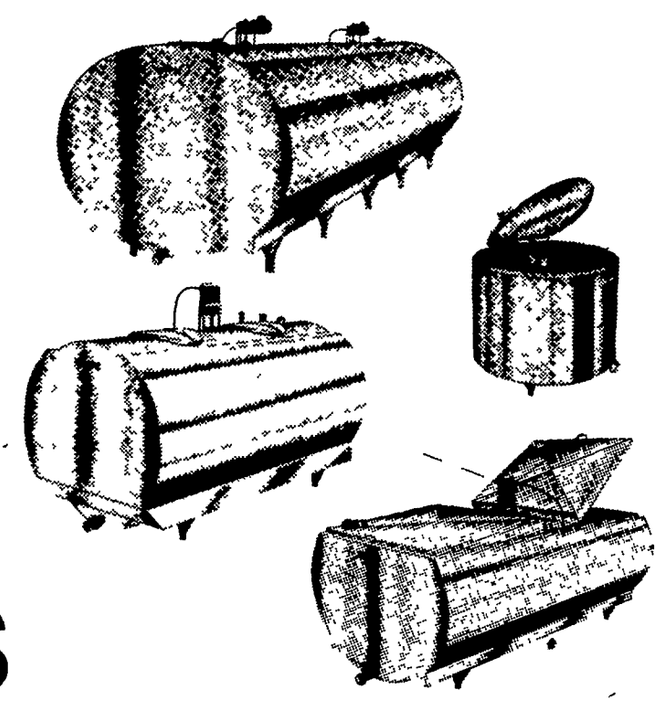

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To get on the Farm Calendar, remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming, 22 E. Main St., Lititz, Pa. 17543. And help us serve you better.

Imported Meats Examination Proposed

The U.S. Department of Agriculture (USDA) proposed to formalize its detailed instructions for the inspection of canned and packaged meat imported into the United States.

The instructions, contained in a proposed amendment to the federeal meat inspection regulations, would provide for eight separate examinations to be performed, when applicable, on meat samples selected for inspection.

While these examinations have been outlined in inspection instructions, they are not currently a part of the Code of Federal Regulations, USDA officials explained.

Examinations would cover the wholesomeness of the product; condition of the container; accuracy of the label; verification of the net weight; comparison of any pictures on the label with the actual contents; verification of the meat content of certain meat food products; accuracy of the number of units in the container; and, incubation of the sample and a laboratory analysis of the contents.

Officials of the Animal and Plant Health Inspection Service (APHIS) said the proposed amendment would help to assure more uniformity of sampling and testing procedures for imported products.

The proposal appeared in the April 2 Federal Register. Persons desiring to comment should submit their written views in duplicate before May 18 with the Hearing Clerk, U.S. Department of Agriculture, Washington, D.C. 20250.

Persons desiring to make oral comments should address their requests to the Systems Development and Sanitation Staff, Scientific and Technical Services, Meat and Poultry Inspection Program, APHIS, U.S. Department of Agriculture, Washington, D.C. 20250. All comments will be open for public review in the Hearing Clerk's office.

Copies of the proposal may be obtained from the Meat and Poultry Inspection Program, APHIS, U.S. Department of Agriculture, Washington, D.C. 20250.

Strikes Curb Farm Sales Outside U. S.

Strikes caused losses in the hundreds of millions of dollars to American farmers from reduced 1971 sales, lower prices, and also from reduced future sales as buyers turn to other supply sources for the commodities they need, according to Secretary of Agriculture Earl L. Butz.

Agricultural exports increased six per cent in calendar year 1971, compared to a 22 per cent increase in 1970. The increase gave agriculture a favorable trade balance of $1.9 billion in a year when the total U. S. trade balance had a deficit of $2 billion.

"We are naturally very pleased at achieving this record level in the face of a very difficult export situation because of the strikes," the Secretary said, "but we are also disappointed because it would have been a great deal higher if our farm products had been able to move freely to foreign markets."

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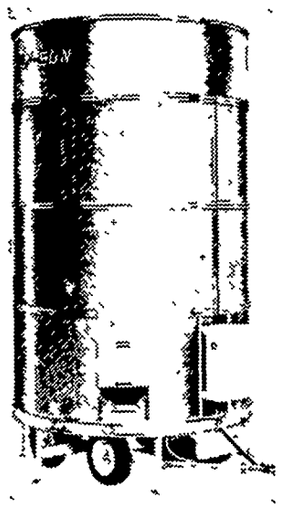

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Advertising Plan Added To Ohio-Pa. Order

The U.S. Department of Agriculture (USDA) has added an advertising, research and promotion plan to the Eastern Ohio-Western Pennsylvania Federal milk marketing order, after approval by more than the required two-thirds of dairy farmers voting in a referendum. Of the 6,618 farmers voting, 5,821, or 88 percent, favored the plan.

USDA's Agricultural Marketing Service (AMS) said this brings to 24 the number of such programs under Federal milk orders, as authorized by law in 1971. The new plan for the Eastern Ohio-Western Pennsylvania order is essentially the same as those adopted for the other orders.

The plan will be funded by deductions of 5 cents a hundred weight on all milk that producers deliver to the market each month, starting with July. The market administrator will withhold the money from payments due producers and turn it over to an agency of local producers. The money will be used for research and development, advertising (except bread advertising), sales promotion, educational and other programs to improve marketing of milk and milk products. When requested, quarterly refunds will be made to any producer not wishing to participate in the program.

The amendment proposals were made at a public hearing in Cleveland, Ohio, Dec. 6 by four dairy cooperatives representing a majority of producers in the market—Associated Milk Producers, Inc.; Central Ohio Cooperative Milk Producers, Inc.; Milk, Inc.; and Tri-County Producers Cooperative.

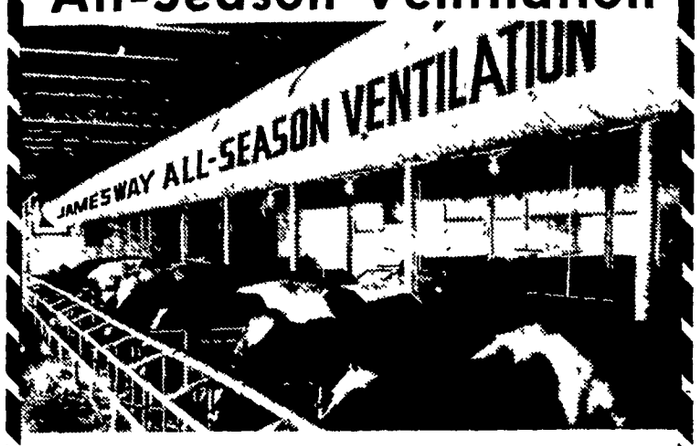
Copies of the amended order may be obtained from Market Administrator Cleo C. Taylor, 7503 Breckpark Road, P.O. Box 29066, Cleveland, Ohio 44129; or from the Dairy Division, AMS, USDA, Washington, D.C. 20250.

"We know you join us in hoping that scientists discover that Mars is not inhabited. This country just can't afford to stretch foreign aid any further.—Harold S. May, The Florence (Ala.) Herald.

Early Cagers

One of the early professional basketball teams was the Buffalo Germans, who started out in 1895 as 14-year-old members of the Buffalo, N.Y., YMCA and played together for 44 seasons, winning 792 games out of 878.

JAMESWAY
All-Season Ventilation



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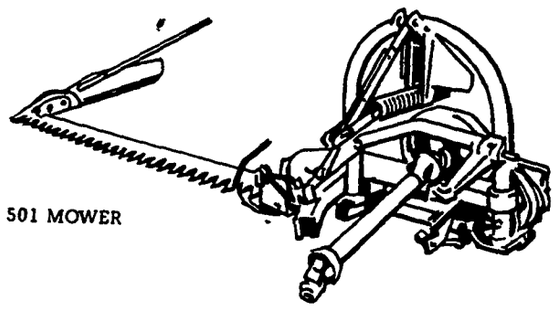

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. Mounts quickly on 3-point hitch.
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CELEBRATING 1st ANNIVERSARY & GRAND OPENING
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MANY DOOR PRIZES WITH
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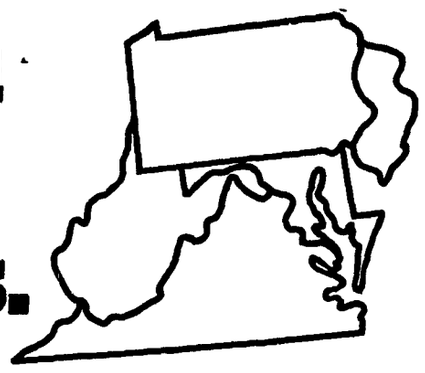
Gilson

Growers in Pennsylvania and the DelMarVa need weed control alternatives.



In corn or soybeans if you've got:

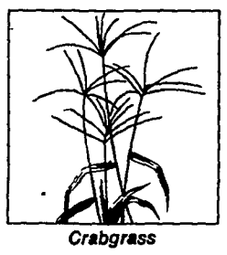
Yellow Foxtail

Green Foxtail

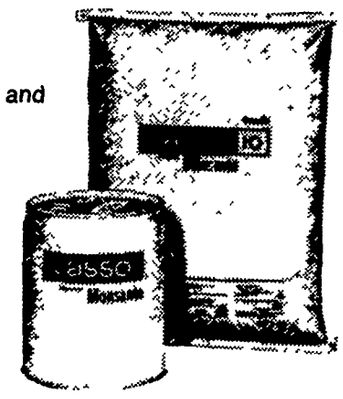
Giant Foxtail

Fall Panicum

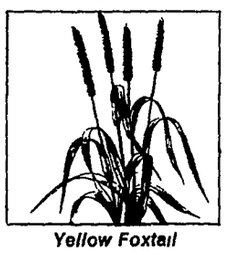
Pigweed


Crabgrass

Use Lasso® by itself—liquid or granules. Lasso controls these annual grasses, broadleaf weed and more . . . with no carryover to harm following crops.



In corn if you've got:

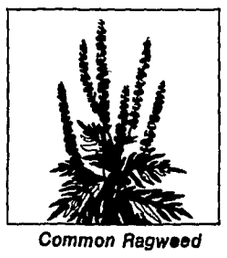

Yellow Foxtail

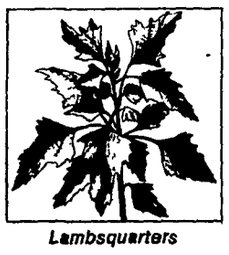
Green Foxtail

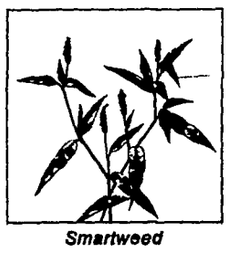
Giant Foxtail

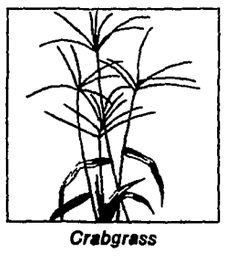
Fall Panicum

Pigweed


Common Ragweed


Lambsquarters


Smartweed


Crabgrass

Use Lasso plus atrazine tank mix. Lasso plus atrazine gives you broad spectrum control of the above annual grasses and weeds and you minimize carryover.

In soybeans if you've got:

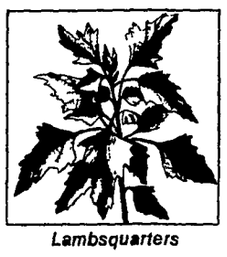
Yellow Foxtail

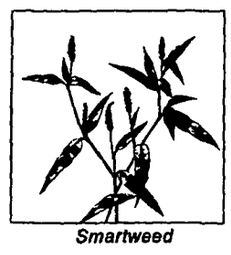
Green Foxtail

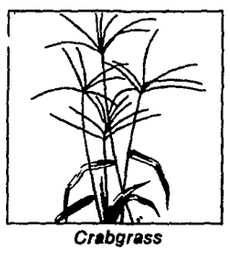
Giant Foxtail

Pigweed

Common Ragweed


Lambsquarters


Smartweed


Crabgrass

Use Lasso plus Lorox* tank mix. Lasso plus Lorox goes on preemergence to control these broadleaves and annual grasses. Both of these herbicides in one tank mix, one trip through the field and your herbicides are there to take care of the weeds before they emerge.

Start with Lasso®... design a weed control program that fits your specific needs.

Lasso

HERBICIDE BY Monsanto

*Lorox is a registered trademark of E. I. DuPont de Nemours and Company

Responsibilities of Business

Predicting trends of the long-term future is always a risky business. At the same time, if we are to be prepared to meet the needs of the nation, it is imperative that we seek to predict to the best of our ability what those needs will be, how rapidly they will grow and how changing political, economic and social conditions may affect our ability to meet them.

A few months ago, Mr. J. Irwin Miller, chairman of the board of the Cummins Engine Company, Inc., took a look at some of the changing conditions which he felt would affect the role of business in America between now and the end of the century To start with, he observed that the first obligation of a corporation is to survive and make an adequate return for its shareholders. The catch is that a corporation can survive only"by serving effectively and well some real current need of the society in which it exists .. Societies never stop changing and needs never stop changing, and the businesses which do not anticipate change go broke, either rapidly or over time." There, in a nutshell, is the reason why the U S free enterprise system can be counted upon to remain responsive to the wishes of its customers which, in the mass, add up to "society"or the "consumer."

The changing pressures which Mr. Miller foresees are many and varied. For example, the U S has a fixed amount of land and a limited volume of natural resources Set off against these assets we have a growing population with the expectation of a continually rising standard of living Each of us will consume more as time progresses Land use planning at the national, state and local levels will intensify Both companies and individuals will be told, to an increasing degree, how they can use the land which they own. Environmental restrictions will limit what types of production can be undertaken in certain areas and perhaps in the nation as a whole Pollution control requirements will increase the cost of production as will rising costs of construction and raw materials By 1985," . college graduates will outnumber those without a high-school education in the U S labor force." This higher intellectual capacity is expected to accelerate the pressure against such things as repetitive, boring, dirty, dangerous or psychologically unrewarding employment. It is probable that we will export to developing countries many of these jobs which cannot be eliminated by automation.

Many of the problems which the future holds can be drastically modified one way or the other by government action. Unless federal spending is controlled for example, the rate of inflation will be totally unpredictable and possibly ruinous. Unless public policy encourages domestic development of our natural resources, as well as research to either augment the supply or find substitutes for those resources, we will be increasingly dependent on foreign nations for the sinews of our civilization. Oil and natural gas provide an example of the situation in which regulatory, price and tax restraints have discouraged adequate domestic development of basic natural resources and fostered growing dependence on foreign nations. Without compensating action, this could flood the world with dollars and destroy their value in world trade markets. Such policies must change.

As Mr. Miller puts it, "The miracle of private business... is the speed and flexibility with which it can react to almost any new set of conditions." He believes government should avoid regulatory stifling of this ability to change. Instead, government should use it by providing tax and other incentives to encourage business action in line with the national interest An era of great accomplishment would be the reward of such a policy. The problem is to substitute realism and long-range vision for the politics and short-run self-interest that too often influence the policy decisions of both government and business. To the extent this can be done, we will vastly decisions of both government and business. To the extent this can be done, we will vastly enhance our ability to create a future to our liking and preserve the heritage of freedom that must remain the destiny of the United States.

Inflation Hits Everyone

Few, if any, budget messages submitted to Congress by a President of the United States have more forcefully advocated governmental fiscal responsibility than did President Nixon's He declared his moves for economy in government spending reflected a "change in direction demanded by the great majority of the American people " Skeptics who question whether such a majority exists or whether, when economy begins to pinch, it will fade away should consider the action of the American Farm Bureau Federation. The president of the Farm Bureau, Mr William J Kuhfuss, has emphasized in an Address the reasons why farmers have, as do all other citizens, a stake in bringing government spending and consequent inflation under control. He observed,"The index of prices paid by farmers, interestand wage rates is now 440 percent of its 1910-14 base Farm production expenses in the first half of 1972 were estimated at an annual rate of $46 billion, about $2 billion above 1971 Farm prices have not kept pace with farm costs." The Farm Bureau official noted that from 1939 to 1972 there was a 40 fold increase in federal tax revenues——we still had a 1972 deficit of $23 2 billion.

If inflation is to be controlled, citizens' groups such as the American Farm Bureau Federation will have to make it clear that it must be stopped at its source——in the halls of Congress where the spenders have outnumbered the savers for longer than most of us can remember.

Grassroots Opinions

BUCKHANNON, W. VA., RECORD: "A certain national organization paid a team of researchers more than $200,000 to conduct a study of driver education across the country After digging for facts, assembling them, shuffling them, and then recapitulating all reports, the researchers turned in their conclusions. Two of the basic findings were these· There isn't any real definition of good driving. And a further study is needed "

xxx

CHESTER, ILL , HERALD TRIBUNE "To hear political aspirants talk about their opponents it would apear there is no candidate worthy to be elected to any state or national office. From the conditions which are allowed to exist after the election, it sometimes appears there may have been more than a grain of truth in what the unsuccessful candidate said about his opponent before the election."

NOW IS THE TIME . . .

Max Smith
County Agr. Agent
Telephone 394-6851

To Keep Banker Informed

The use of credit in commercial agriculture is becoming a more important factor each year. Your banker can best serve if he is kept fully informed regarding the farm operation and family money metters. The better your banker knows the farm situation, the more willing he may be to make credit adjustments. An invitation for the banker to visit the farm might be very profitable toward continued progress.

To Buy Feeder Pigs Carefully

The threat of another hog cholera outbreak continues to exist, as long as we have a high hog population and considerable traffic between farms and sales events. Even though the Pennsylvania cholera situation has eased there is still risk present; feeder pigs should be purchased only with approved health papers. Pigs of unknown origin may be cheaper when purchased but may bring disease and end up very expensive. Garbage should be well cooked,212 degrees for at least 30 minutes, before being fed to hogs. "CLOSED DOOR" management may prevent serious infections.

To Stop Panic Selling

In recent weeks we are aware of the rapid changes in the beef and hog market. It is difficult to know when to sell or to keep on feed. However, it is not a good practice generally, to sell animals under-finished and too high in weight because of the fear of a lower price ahead. In this case, the feeder is sacrificing addition efficient gain that usually means greater profits. Also, the holding of heavy, finished hogs or cattle hoping for a higher market is also risky. Feed conversion is lower, production costs increase, and many experiences have resulted in a loss to the feeder. Sell when weight and grade meets market demand.

To Follow Directions

The proper use of many drugs and pesticides depends upon exact amounts, timing and withholding periods. To do anything else is jeopardizing the product and asking for more regulations. The following of label instructions very carefully should be stressed to every farmer or custom applicator. Chemicals have a definite place in commercial agriculture, if properly used, Don't be guilty of inviting penalties and additional restrictions.

THE BIBLE SPEAKS

International Uniform Sunday School Lessons

BY LAWRENCE W ALTHOUSE

THE BUM RAP

Lesson for April 8, 1973

Background Scripture: Isaiah 52:13 through 53:12; Matthew 26 1-5, 26-29; I Peter 2-21-25.
Devotional Reading: Psalms 22 1-8.

A convict in the state prison was patiently listening to the Chaplain explain the story Christ's arrest, trial, and crucifixion. When the Chaplain had concluded, the convict exclaimed: "Gee, that was sure a bum rap!"

Rev. Althouse

As a prisoner he was particularly sensitive to the injustice which Jesus suffered on that first Good Friday. The convict was struck by the fact that this innocent man was falsely accused, victimized, and made the scapegoat. He had seen some "bum raps," some grossly unfair verdicts in his time, but this man Jesus, it seemed, was the most tragic of victims.

Our griefs, our sorrows

The convict was quite accurate in his observation: the trial and crucifixion are glaring examples of injustice. Jesus had done nothing to deserve punishment. The charges were trumped-up and he was the victim of manipulation. In order to convict him, people had been bribed to lie about him and his teachings. In the parlance of the American underworld: "he was framed."

Yet, not only was Jesus blameless himself, but he was willing to suffer for the sake of others. The prophet Isaiah, man centuries earlier, had caught this idea:

> Surely he has borne our griefs and carried our sorrows; . . . . But he was wounded for our transgressions, he was bruised for our iniquities . . . upon him was the chastisement that made us whole, and with his stripes we are healed. All we like sheep have gone astray; we have turned every one to his own way; and the Lord has laid on him the iniquity of us all. (53:4-6)

The suffering and death of Jesus seem even more unjust when we realize that Jesus suffered for the sins of other people, not his own. And we are among those other people for whom he suffered. He had to pay what was really our debt. Most of us have a hard enough time accepting the suffering that is rightly ours, but the thought of suffering for the sake of someone else's sins and errors seems unthinkable.

Healed by His wounds

Yet, when we read Isaiah 53 and the gospels it becomes evident that Jesus was not a victim. Though he did not seek death, he did accept it for the sake of all men. When one willingly bears a cross, he cannot be a victim of it; instead he is a victor because he has been unconquered by it.

Unlike so many who had been handed a "bum rap," the convict saw that Jesus faced suffering and death without bitterness: "He was oppressed, and he was afflicted, yet he opened not his mouth" (53:7). There was intense admiration from the convict for this man Jesus.

Maybe, he concluded, that's what life is really all about: willingly, lovingly bearing someone else's "bum rap."

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U.S.A. Released by Community Press Service.)

CPA's Advise Against Overwithholding Taxes

Millions of taxpayers are happily sharing billions of dollars of over-withheld income taxes which Uncle Sam now is distributing as refunds. Who would dream of advising those lucky beneficiaries to make sure it doesn't happen again? The Pennsylvania Institute of Certified Public Accountants, that's who.

Samuel Horovitz, President of the Institute, says the withholding rates that caused so many taxpayers to be overwithheld in 1972 still apply and that unless preventive steps are taken affected taxpayers will have another windfall next spring.

What's wrong with that? Well, says Mr. Horovitz, the refund isn't really a windfall. The money is the taxpayer's own, which could have been banked or invested to earn interest or dividends for 15 months or more. Also, the dumping of so much spendable cash into the economy in one short period could help fuel inflation.

The withholding rate causes overwithholding chiefly for persons who are single or, if married, are the only wage earners in their families, and who have sizeable itemized deductions.

The Treasury Department has repeatedly urged such taxpayers to correct the overwithholding by filing with their employers an employee's Withholding Allowance Certificate, which in effect lets them claim more exemptions than they have.

The reverse side of the certificate carries a guide to how many withholding allowances to take, based on expected salary and deductions

Not enough taxpayers have been following the Treasury Department's suggestion, apparently, for estimates of the refunds on 1972 incomes range as high as 22 billion dollars. With a booming economy in 1973, the CPAs predict, the amount to be refunded next year could go even higher.

BOU-MATIC DARI-KOOL

WHY IS BOU-MATIC DARI KOOL THE FASTEST GROWING MILKING EQUIPMENT IN THE NATION?

THE ANSWER IS RESULTS!

The Basic Principles That Bou-Matic Uses Has Been Founded Upon Are Principles That Work in Harmony with Mother Nature are

A . . . .
B . . . .
C . . . .
D . . . .

DARI-KOOL Bou-matic MILKERS

GIVE US A CALL AND WE'LL BE GLAD TO EXPLAIN THE PRINCIPLES THAT MADE BOU-MATIC SUCCESSFUL.

HAVING PROBLEMS — PERHAPS WE CAN HELP

PARTS - SALES - SERVICE

SHENKS FARM SERVICE

R.D. 4, Lititz, Pa. Ph. 626-4355

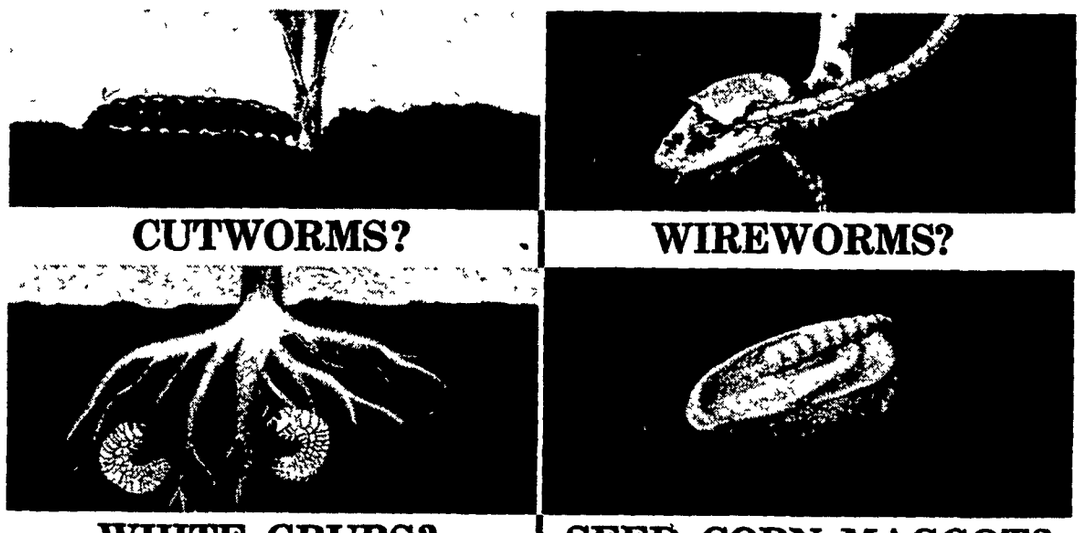
Grape Council Named

State Agriculture Secretary Jim McHale has named nine men, seven of them from Erie County, to the State Grape Marketing Advisory Council.

They are: Pono G. Andrews, North East, RD 2; Robert C. Bard, North East, RD 1; Melvin S. Gordon, West Chester, RD 1; Donald Herhold, Lake City, RD 1; William Klenz, Jr., North East , RD 4; John W. Moorhead, North East, RD 1; William Schultz, North East, RD 4; Charles L. Valone, North East, RD 3, W. Peterman Wood, Willow Street.

Completing the council membership are: Howard C. Grimshaw, Lake City, RD 1; Blair McCord, North East; George Sceiford, North East, RD 2; and Roy Thomson, Side Hill Road, North East.

The council was organized seven years ago to promote the sale of grapes and to offer recommendations to the State Agriculture Secretary on matters pertaining to Pennsylvania's grape industry.



BELT® BASIC SOIL INSECTICIDE OF THE '70s. NEW IMPROVED GRANULES GUARANTEED TO FLOW FREELY.

GUARANTEE

EFFECTIVE INSECT CONTROL AND FREE FLOW GRANULES

Should Belt 33G fail to effectively control the soil insects listed on the label, when used specifically according to use directions shown, or should Belt 33G not flow adequately through a standard spreader that has been properly adjusted, maintained, and in good working condition, Velsicol will refund an equivalent amount of Belt 33G insecticide to that used on acreage where Belt performance was not satisfactory (verified by paid invoice showing price and quantity purchased) if the following conditions are met:

A. Grower has completed and returned the guarantee registration card available at his dealer's within 45 days of Belt 33G purchase.

B. Notice of dissatisfaction of product performance and handling covered by this guarantee must be submitted in writing within 60 days of application.

C. A qualified Velsicol representative must be assured that the purchaser used Belt 33G according to label directions. The Velsicol representative must have the opportunity to observe insect control or handling performance to determine whether or not Belt provided economic control or was applied with properly maintained equipment.

IMPORTANT: Refund is limited to acreage on which Belt performance or handling was not satisfactory. Be sure to fill out and mail the registration card, available at your chemicals dealer, to verify your purchase of Belt 33G soil insecticide.

The broad-spectrum soil insecticide, Belt, is growing rapidly in popularity. Controls the widest range of soil insects that attack corn.

Belt protects corn till harvest, regardless of weather. Little hazard to feed, water, wildlife, when used properly, Belt is comparatively low-toxic. Its active ingredient is covered by a tolerance on corn of 0.3 ppm.

Velsicol guarantees flowability of Belt 33.3G granules. Easy to handle, it's applied and incorporated at or prior to planting.

In "no-till" planting, a once-over application proves especially effective and economical. Belt stays in the soil . . . and works!

The emulsifiable concentrate, Belt 72ECF, is also available if you prefer liquid application.

You can have confidence in Belt. It's chlordane-at its best, for economical, broad-spectrum control. At your ag chem dealer's.

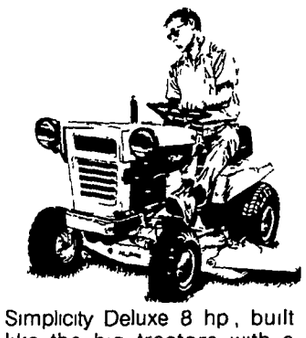
BELT® from VELSICOL

VELSICOL CHEMICAL CORPORATION
341 East Ohio Street, Chicago, Illinois 60611

"There's only one thing that bugs me about this revolution bit," said the radical, "what happens to our employment checks when we overthrow the government?"—**Ed Kummer,** The Eaton (Colo.) Herald.

Your life is complicated enough/We offer

Simplicity



Simplicity Deluxe 8 hp, built like the big tractors with a Synchro-Balance engine to reduce vibrations give you a smooth, even ride 32" free-floating mower gives your lawn a smooth, even cut

5-19 H.P. Models to Choose From

EASY TERMS

L. H. BRUBAKER

350 Strasburg Pike
Lancaster, Pa.
Ph. - 397-5179

Pa. Farmland

(Continued From Page 1)

a finite resource to be husbanded rather than as a commodity to be consumed or expended. It fact nearly one-half of Pennsylvania's farmland has gone out of production since the turn of the century including 420,000 acres of prime agricultural land which has largely fallen to "urban sprawl" or strip development (Editor's note: 420,000 acres is slightly greater than the amount of farm land presently in Lancaster County.)

Pennsylvania has experienced a high rate of urban sprawl during the past decade despite a slow population growth compared to other states. We have seen a thinning out of population in urban centers while our suburban population, including that of our smaller municipalities not listed as metropolitan, is estimated to have increased by 400,000 households. The population changes for the three urban centers shown below are typical of the kind which have occurred in the rural-urban fringes of major metropolitan areas throughout the State.

Most of this growth has gone into level, high-quality farmlands, for it rarely takes place in flood plains, mountainsides, or in swamps or wastelands. Although development is not intrinsically bad in itself, a critical need exists to channel the forces of expansion so that top-grade farmland located between centers of development can be preserved in its natural state.

One of the burdens to agriculture is that urban sprawl requires larger public expenditures for service facilities than in more compact areas. Consequently, real estate taxation appears to be a "pivotal" factor in farmland conversion since as the growth of our cities moves into surrounding rural areas it causes farm properties to increase in value Their inflated market value potential for urban development results in increased assessments and in increased taxes. When his taxes exceed the income received from farming, the farmer usually decides to sell his property to get out from under the tax burden And of course pressures of this kind are greatest around the rural-urban fringes where open space is most needed and generally in the shortest supply

The major reasons for preserving farmland can be grouped into economic, environmental, and sociological considerations which will be discussed next

Economic reasons—

Spiraling food costs have made consumers increasingly aware of the need to produce locally an adequate supply of food in close proximity to urban markets The value of cash receipts in 1971 from Pennsylvania's 71,000 farms was $1,040,000,000 - and this is just a partial assessment of the economic impact of the State's second largest industry Of this amount $777 million came from livestock and livestock products, $258 million from field crops, fruit, vegetables, mushrooms, greenhouse products, maple syrup and sugar. Pennsylvania ranked second nationally in hardwood lumber production with an additional $10 million worth of pulpwood and forest products harvested. The market value of land and buildings devoted to agriculture was $5,491,004,758.

These figures tell only part of the economic story in that agriculture provides a livelihood for many non-farm residents by creating employment and business opportunities. More than 2.1 million people receive wages of $9.5 billion from agriculture and agribusiness. Food processing alone is a $4 billion industry employing 8 per cent of the State's manufacturing force. The payroll of forest products manufacturing companies is $475 million.

Environmental reasons —— Less easy to measure but no less important are environmental effects Rare indeed is the individual who has divorced himself of all relationships with the soil, accordingly,. productive farmland surrounding metropolitan centers can fill a variety of open space needs. In addition to having a powerful cleansing effect on our atmosphere, its value is incalculable in protecting watersheds, in augmenting urban water supplies, and in reducing flood and sewage pollution hazards Retained in private ownership it is a means of providing scenic visual relief from the congestion of urban living and of preserving the countryside for recreation.

With limited public access rights recreation on farms could be profitable to the farmer and to urban residents. Farm ponds can produce 100 to 200 pounds of fish per acre each year, and farmers could augment their income by charging the public a small fee for the right to fish. Fishing on streams, swimming, ice skating, and boating on ponds are other water-oriented sports possible on farms. Farm marshes can produce waterfowl, muskrats, and mink. And proper cropping and fence planting can encourage wildlife and provide a habitat for game birds.

Sociological reasons —As important as they are, agribusiness economics and environmental considerations do not stand alone in defense of farmland. Agriculture has undergone dramatic changes in the past 45 years, including changes in technology and mechanization. But the most profound of these changes, having both sociological and economic implications, involves the size of Pennsylvania's farms. In 1930 there were 186,000 farms averaging 82 acres. Today the average size has increased to 147 acres for the State's 71,000 remaining farms.

Agriculture was founded on the basis of the family farm which traditionally has been a way of life as well as a business. As production costs skyrocketed, however, a smaller net family farm income resulted and increased numbers of rural youth left the state or departed for urban centers where they have found employment. Some far-

(Continued on Page 28)

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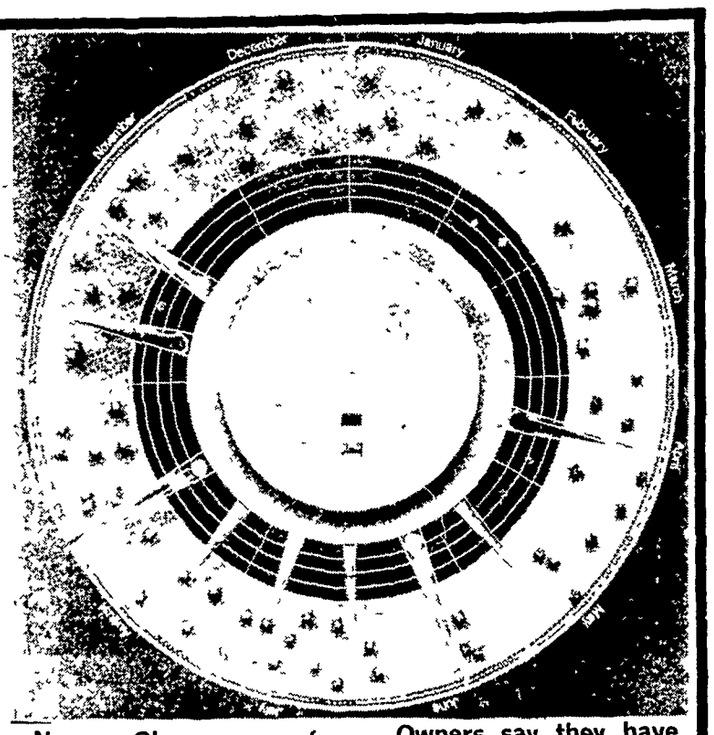

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Awards Presented at Manor Young Farmer Annual Banquet

The Manor · Young Farmer Chapter held its annual banquet recently at the Willow Valley Motor Inn. Toastmaster for the evening was Glenn Mylin.

During awards presentations, two categories were recognized in animal production. receiving Outstanding Dairymen awards were Jay Clayton Charles, Lancaster RD2, first with 14,525 pouns of milk and 553 pounds of butterfat, and Glenn Burkholder, Washington Boro, second with 13,411 pounds of milk and 505 pounds of fat.

The Outstanding Poultryman recognized was Melvin S. Groff, Washington Boro, with a 2.06-1 feed to weight ratio.

Part of the Young Farmer instruction throughout the year is in crop production and management. Areas recognized were corn silage, grain corn and forage management. Awards presented were:

Corn Silage— David S. Hess, Lancaster RD6, first; Glenn Burkholder, second, and Elias B. Groff, Lancaster RD6, third.

Grain Corn — Larry Harnish, Washington Boro RD1, 222 bushels, first; Richard Neff,- Millersville RD1, and Glenn Burkholder, tie for second with 216 bushels; David Hess, 209 bushels, third.

Honorable Mention in the Grain Corn category went to Wilmer Rohrer, Lancaster RD2, with 196 bushels; David McMichael, Lancaster RD6, 193 bushels; Earl Newcomer, Washington Boro RD1, 191 bushels, and J. Wilmer Eby, Washington Boro RD1, 190 bushels

Award recipients at the annual Manor Young Farmer banquet included: front row, left to right, David S. Hess, Glenn Burkholder, Larry Harnish, C. Richard Neff; second row, Earl Newcomer, J. Wilmer Eby, Wilmer Rohrer, and David McMichael.

Forage Management awards went to David H. McMichael with 5.1 Tons per Acre. Outstanding achievement awards went to Wilmer Rohrer; Melvin Shertzer, Millersville RD1; Jay Landis, Lancaster RD6; Elvin Hess, Conestoga, and David Hess.

Several sponsors of the Chapter gave awards. They were: Frank Campbell representing Pennfield; Dick Hamilton representing West Willow Farmers Association; Dick Enck from Penn Jersey Harvestore., and Roy Shertzer, Nature's Fertilizer.

James Watt, inventor of the steam engine, was the first to define horsepower numerically as the raising of 33,000 pounds a distance of one foot in one minute.

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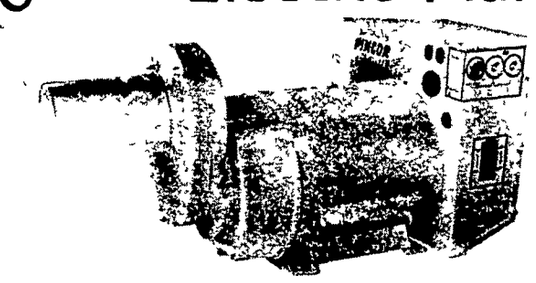

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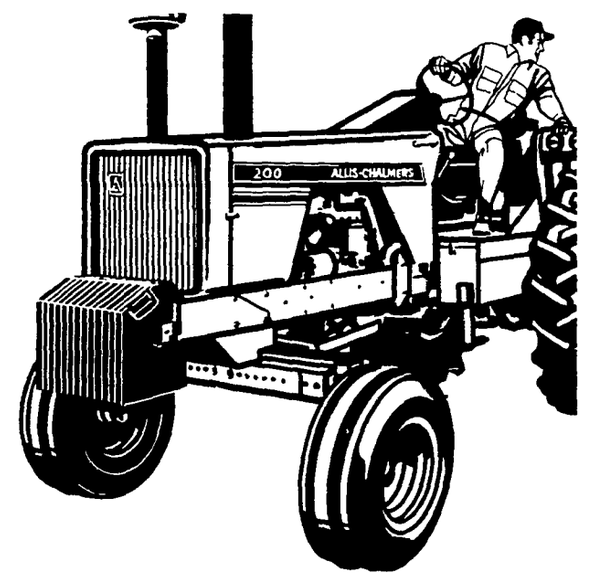

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1973-Crop Honey Program Announced

Loan and Loan and purchase rates for the 1973 crop of honey will average 16.1 cents per pound, 2.1 cents more than in 1972, it was announced by the U.S. Department of Agriculture. The 1973 level represents 60.2 percent of the April 1973 adjusted parity price of 26.7 cents per pound.

The value of the 1972 honey crop is about $65 million.

Loans and purchases will be offered on 1973-crop honey stored in bulk and other eligible containers, on or off farms. Producers may request loans through March 31, 1974. Loans will mature June 30,1974. Producers having eligible honey not under loan who wish to offer it for purchase by Commodity Credit Corporation (CCC) need to deliver to the applicable county Agricultural Stabilization and Conservation Service office an executed purchase agreement not later than the maturity date. This agreement must specify the approximate quantity the producer desires to sell.

The 1973-crop loan and purchase rates for extracted honey in 60-pound or larger containers, by color and class, are as follows: White or lighter, 16.9 c lb.; Extra light amber, 15.9c lb.; Light amber, 14.9c lb.; Other table and non-table honey, 12.9c lb.

Honey delivered to CCC by beekeepers to satisfy loans will be used for domestic donation programs. Honey ia a valuable food item because it is composed of simple sugars which are easily digested and give quick body energy.

The honey bee is vitally important to the US. economy in that it is a major pollinator of legume seeds and fruit and vegetable crops. About $1 billion worth of agricultural crops are completely dependent on pollination by insects before crops can be produced. Honey bees pollinate an estimated 85 percent of this total. An additional $3 billion worth of agricultural crops benefit to some extent from insect pollination.

HOME HEATING HINTS FOR HEALTH, HAPPINESS AND DOLLAR SAVINGS

Pennsylvania Electric Association's heating engineers have come up with a number of practical suggestions for householders to improve the efficiency and economy of their home electric heating systems It's all part of the statewide campaign to encourage prudent use of electricity and to help stave off shortages until new generating plants, now under construction by Pennsylvania's electric utilities, can be completed

Electric heating has become increasingly popular as a clean, convenient and carefree source of energy for home heating When used wisely, electric heating is not only efficient, but economical in terms both of installation and operation.

Here's how experts say you can save money on your electric bill and help insure there'll be enough power to go around in the face of the energy crisis

- Keep thermostat setting at 72° or under, above this temperature, energy consumption rises rapidly.
- If away for a few days or on vacation for longer periods, lower setting to 55° At night by lowering the thermostat by 10° you can save up to 15 percent of your heating costs
- Close off rooms, such as a guest room, when not in use, turn thermostat completely off (or down to 55° if danger of freezing)
- Keep radiators or baseboard panels clean; a coating of dust acts as an insulator and wastes heat.
- Check filters in your heating system, clean filters permit efficient operation and mean cleaner air flowing through your home, too.
- Be sure decorative covers or drapes don't trap heat, thereby causing the heating unit to work harder.
- If the radiator unit or baseboard panel is on a cold wall, put a sheet of aluminum or aluminum foil behind it to reflect heat into the room.
- Make sure the thermostat is not in a draft or on a cold wall, otherwise this will cause the thermostat to increase the heat when the room temperature is already comfortable.
- During sunny daylight hours in winter, raise the window shades or blinds to let the sun's energy help heat the room.
- Be sure weatherstripping around doors and windows is tight and doesn't let in cold air
- Most important, insulate your house over ceilings (remember, heat rises); also insulate walls inside basement and floors over crawl spaces 18" below ground level; weatherstrip windows and doors, install storm windows and doors (or use double-pane glass windows and doors – they're lots less work, too)

It makes good sense and good cents to follow these hints, say utility experts. You'll not only help save our valuable energy resources but you could cut your bill for electric heating by as much as 15 percent or more.

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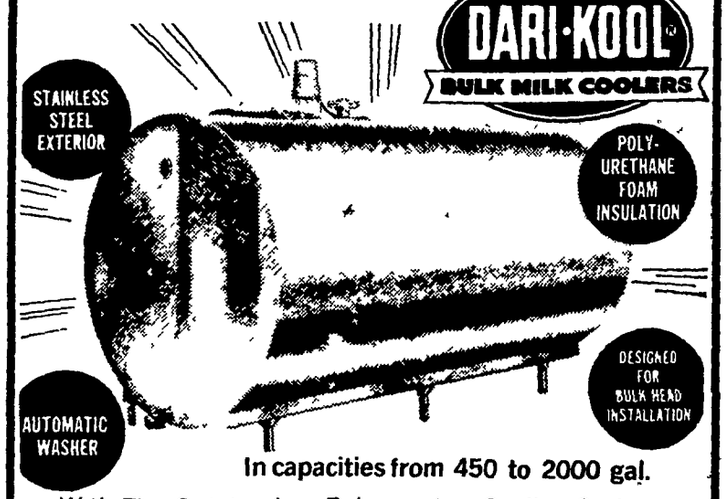

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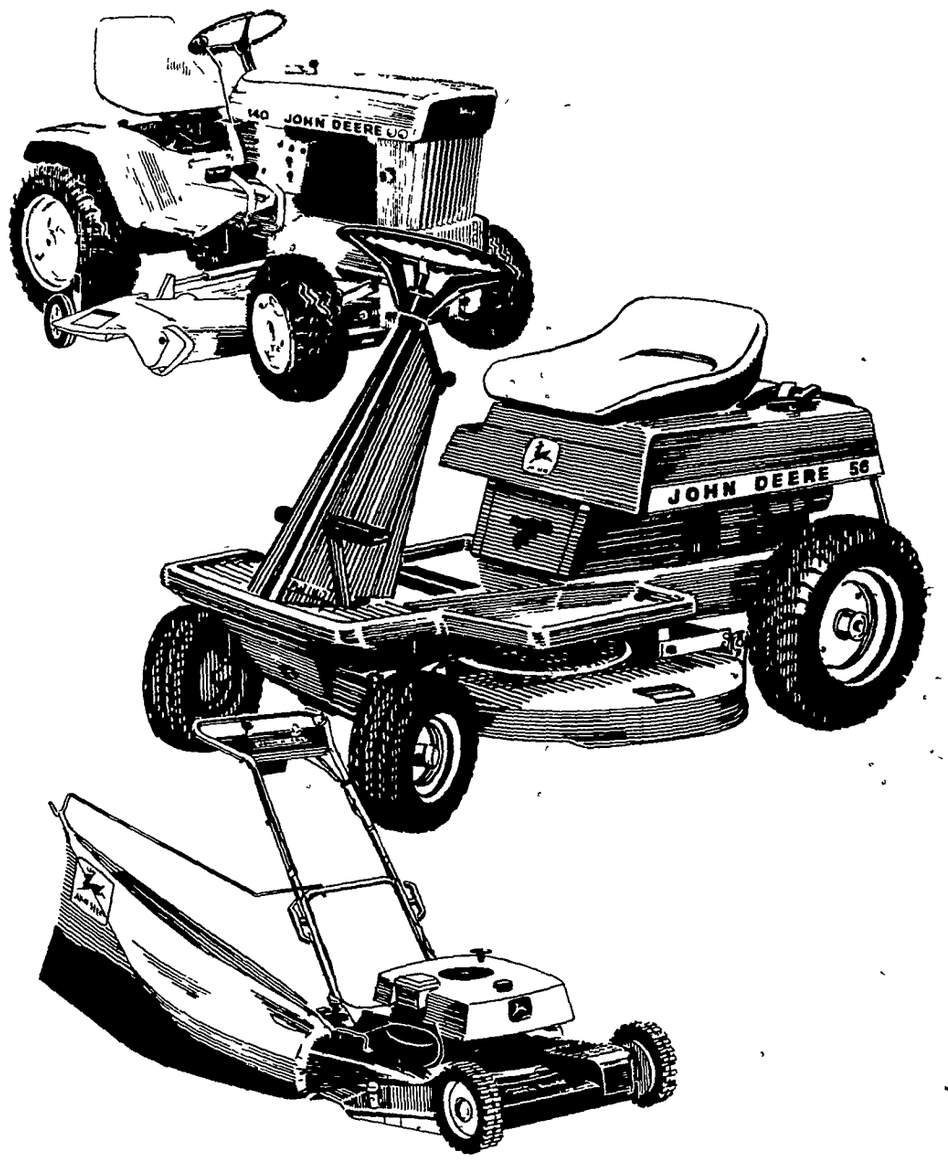

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Unemployment Insurance Possible for Big Farms

An extensive study has shown unemployment insurance coverge can be feasibly extended to workers on large farms. Secretary of Labor Peter J. Brennan has informed Congressional leaders.

"The costs of providing unemployment insurance protection to farm workers are not prohibitive to farm employers or to the Unemployment Insurance (UI) system as a whole," the Secretary said in a letter to House Speaker Carl Albert; Vice President Spiro T. Agnew; Rep. Wilbur D. Mills, chairman of the Committee on Ways and Means; and Sen. Russell B. Long, chairman of the Senate Finance Committee.

The study was specifically mandated by Congress in the Employment Security Amendments of 1970 after an Administration effort to bring farm workers under UI was defeated. President Nixon expressed disappointment about the failure to include farm workers and indicated an intention to resubmit such legislation.

To determine whether farm worker coverage would be feasible, the study was undertaken by the Manpower Administration of the Labor Department in collaboration with agricultural research experts from 12 land-grant universities. Data were gathered in 18 states covering:

+ 53 percent (404,000) of the 770,000 farm workers who would have been brought under UI had the legislation been in effect in 1969.

+ 57 percent (31,420) of the 55,000 employers who would have been subject to such legislation at that time.

Given the prevailing trend toward consolidation of farms and a corresponding reduction of workforce, the Labor Department estimates 65,000 employers and 635,000 workers will be affected in 1975 if an enabling law is approved by Congress. In Pennsylvania, some 1,400 farms and over 13,000 farm workers would be affected.

Right now about 65 million jobs are protected by the Federal-state unemployment insurance program. Farm jobs are among the few remaining kinds of jobs still not protected.

The system is financed by a tax on the employer. For purposes of the study and suggested legislation, a large farm employer is defined as having four or more employees in 20 weeks of a calendar year, or a quarterly payroll of $5,000 or more.

Conclusions derived from the study are:

1. Relatively few large-farm employers (25 percent) account for most (77 percent) of the farm workforce in the 18 states studied

2. The cost of providing unemployment insurance protection to farm workers would be reasonable under existing state laws. In most states the farm industry would be self-supporting, that is, contributions from farm employers would, on the average, be sufficient to pay benefits to involuntarily unemployed farmworkers

3. Non-farm employers currently subject to the UI tax would be only slightly affected in 16 of the 18 states studied, and not greatly affected in California and Florida, the exceptions In California, it is estimated that benefit costs as a percentage of taxable wages would have increased in 1969 from 1 96 percent to 2 15 percent, in Florida, from 43 percent to .55 percent

Extension of UI to farm employment would bring financial aid to many migratory and minority workers excluded from existing social programs, the study's authors state. Data from 14 of the 18 states reveal that 90 percent of the migratory workers are either black, Puerto-Rican, Mexican or members of other minority groups About four-fifths of all farm workers are men, and approximately 50 percent are married.

The studies of 15 states were primarily the work of a research consortium of agricultural economists from 12 land-grant universities. The results from those states are summarized in one volume In the other three states, California, Minnesota and Washington, the studies were conducted by the State Employment Security Agencies, and each agency has issued its own report

The participating land-grant universities were the Universities of Connecticut, Delaware, Florida, Maryland, Massachusetts, New Hampshire and Vermont, as well as Rutgers University (of New Jersey), Cornell (New York), Ohio State, Pennsylvania State and Texas A & M

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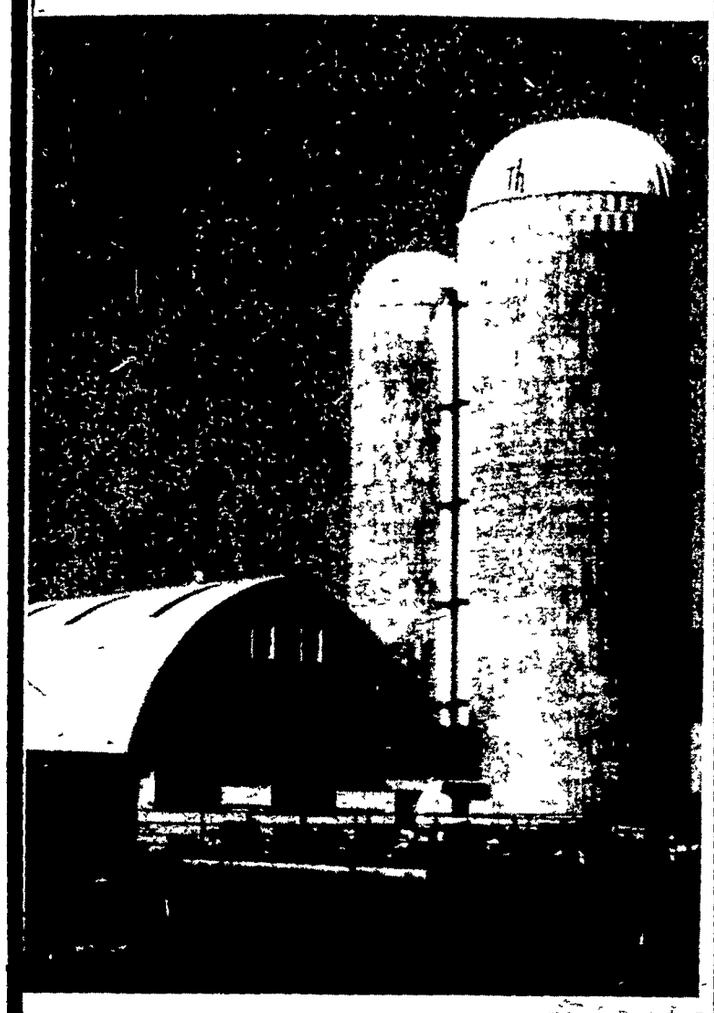

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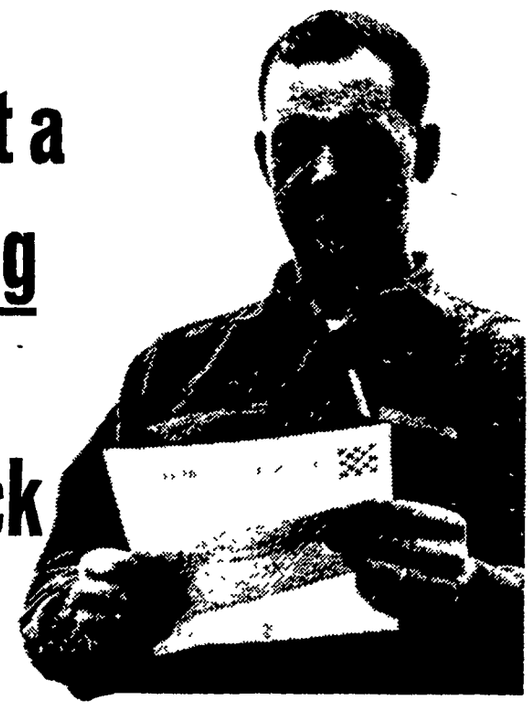

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Statistical Barometer

Item	1970	1971	1972—latest available data	
Prices:				
All prices received by farmers (1967=100)	110	112	130	November
Crops (1967=100)	100	107	120	November
Livestock (1967=100)	118	116	138	November
All prices paid by farmers (1967=100)	114	120	130	November
Ratio[1] (1967=100)	96	94	100	November
Consumer price index, all items (1967=100)	116	121	127	October
Food (1967=100)	115	118	125	October
Farm Income:				
Volume of farm marketings (1967=100)	108	111	98	Jan.-Sept.
Cash receipts from farm marketings ($bil.)	50 5	53.1	38.5	Jan.-Sept.
Crops ($bil.)	20.9	22.6	13.6	Jan.-Sept.
Livestock ($bil)	29.6	30.5	24.9	Jan.-Sept.
Realized gross farm income ($bil)	57.9	60.1	66.1	[3]
Production expenses ($bil)	41.1	44.0	47.3	[3]
Realized net farm income ($bil)	16.8	16.1	18.8	[3]
Income and Spending:				
Disposable personal income, total ($bil)	689.5	744 4	798.7	[3]
Expenditures for food ($bil)	114.2	117.3	125.2	[3]
Share of income spent for food (percent)	16 6	15 8	15.7	[3]
Farm Food Market Basket:[2]				
Retail cost ($)	1,223	1,244	1,320	September
Farm value ($)	476	477	539	September
Farmers' share of retail cost (percent)	39	38	41	September
Farm Production and Efficiency:				
Farm output, total (1967=100)	102	111	113	November
Livestock (1967=100)	105	108	109	November
Crops (1967=100)	100	112	114	November
Balance Sheet of the Farming Sector:				
Assets, total ($bil)	305.8	314.9	339.2	[4]
Real estate ($bil)	207 1	213.0	228.6	[4]
Non-real estate ($bil)	75.9	78.3	85 8	[4]
Livestock and poultry ($bil)	23.5	23.7	27.3	[4]
Machinery and motor vehicles ($bil)	31 8	33.8	36.4	[4]
Crop inventories	10 9	10 7	11.8	[4]
Household equipment and furnishings ($bil)	9.7	10 1	10.3	[4]
Financial assets ($bil)	15 6	16 0	16.8	[4]
Investments in cooperatives ($bil)	7 2	7 6	8.0	[4]
Debt, total ($bil)	58 1	61.1	66.9	[4]
Real estate ($bil)	28 4	29 5	31.3	[4]
Non-real estate ($bil)	29.7	31 6	35.6	[4]
Proprietors' equities	247 7	253 8	272 3	[4]
Debt to asset ratio (percent)	19 0	19 4	19.7	[4]

[1]Ratio of index of prices received by farmers to index of prices paid, interest, taxes, and farm wage rates
[2]Average quantities per family and single person households bought by wage and clerical workers 1960 61, based on Bureau of Labor Statistics figures
[3]Annual rate, seasonally adjusted third quarter
[4]As of January 1 1972

Shropshire Breeders Meet Will Feature New Test

Ivan L. Lindahgl from the Ruminant Nutrition Laboratory of the U.S. Department of Agriculture's Research Center at Beltsville, Maryland will demonstrate a new method for determining prenancy in ewes to the Penn-Mar Shropshire Breeders' Club on April 14th. Prior to this recent development which Dr. Lindahl will demonstrate, no reliable method has been found to diagnose ovine pregnancy.

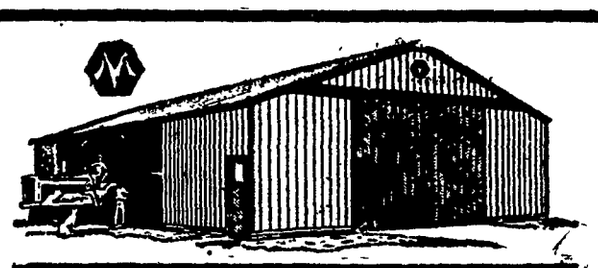
Lindahl will show the Shropshire breeders the rectal palpatation method. To make the diagnosis, ewes are restrained in a dorsal position and a probe stick is used. Lindahl will bring ewes from the Agricultural Center at Beltsville for the demonstration and also will use colored slides.

Knowledge of whether a ewe is pregnant or not is of great economic importance to the sheepman. In every flock there are animals which are carried for months on heavy feed because it was erroneously thought they were pregnant. The extra feed not only costs the shepherd an unnecessary amount of feed, but impairs the ewes future ability to breed.

The Shropshire Club meeting will be held at Micar Farm, the home of Mr. and Mrs. Leon Johnston, on Route 851 about a half mile east of Stewartstown in York County. The meeting will begin at 10:30. A covered dish lunch will be served.

High Producer

A senior two-year-old Registered Guernsey cow owned by Church Farm School, Paoli, has completed an official DHIR actual production record according to The American Guernsey Cattle Club. Andrews Millie of C F S produced 10,600 pounds of milk and 503 pounds of butterfat in 305 days, two times a day milking. The testing was supervised by Penn State University.



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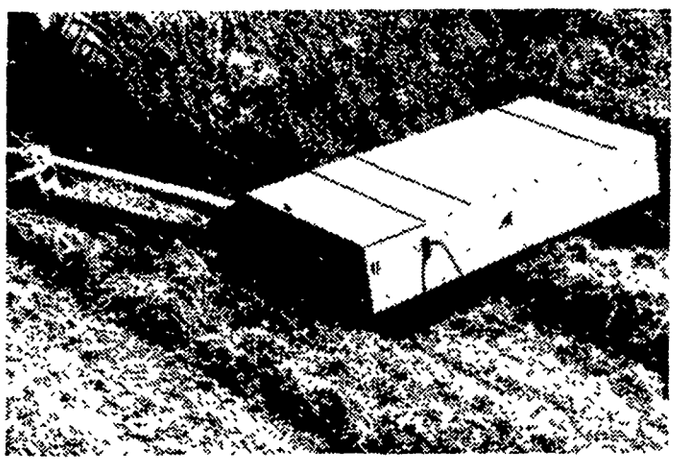
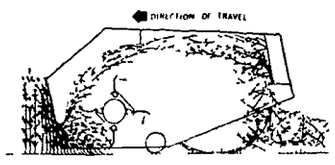


Make one pass around the field and leave a fluffy swath or windrow of cut and conditioned hay. The Cut/ditioner excels in heavy down and tangled hay; unsurpassed for making wilted grass silage. Travels in any direction, handles back swaths without trouble. Use it for corn stalk shredding, weed cutting, pasture clipping, cutting straw stubble and conditioning straw for easier baling.



Selective conditioning. Knives hit only the stems of plants. This conditions the stems without damaging the leaves.

Interested in trying a Cut/ditioner on your farm? Ask us for details.

AVCO NEW IDEA FARM EQUIPMENT

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still
WE BUY THE TAGS
. . . when you come into Fulton Bank to finance your car!

Fulton Bank is continuing its exciting free license tag program! Here's how it works: When you come into any Fulton Bank office and finance a new or 1973, '72 or '71 used car, we will buy the license tags for your car for the length of the loan.*

This offer good on any 1973, '72 or '71 model car or station wagon—any make, any size, any price. To become eligible, just finance your car by coming into any Fulton Bank office for a low-cost auto loan. You'll receive free license plates every year for the length of the loan if all monthly payments are paid when they are due. It's too good a deal to pass up.

* Not to exceed $14 per year for passenger cars or $16 per year for station wagons. Maximum three years.

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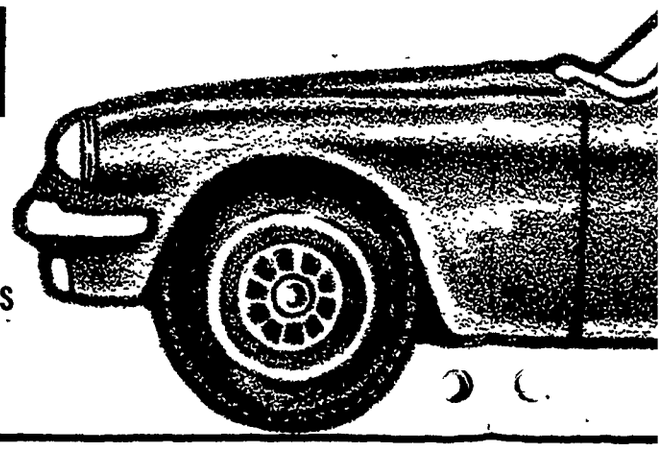

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Join Muncy Chief 1 Acre and 5 Acre contests . . . Ask about seed ½ Price Offer and Awards.

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☐ Please send wholesale price list, I am a dealer

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☐ Please send seed corn contest blanks and award booklet and further information on seed corn at ½ price for contestants

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Address.....

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Acres Farmed..... Acre to Corn.....

MUNCY-CHIEF HYBRIDS

Muncy, Pa.

What AARS Means To The Rose Gardener

There are 22 official All-America Rose Selections testing gardens scattered throughout the United States and so located that the variations in soil and climatic conditions are well covered for all the major areas in which roses are grown.

The quality of the new rose hybrids entered into AARS trials, together with the stringency of the testing and the integrity of the All-America Rose Selections organization, have resulted in the AARS testing and award program being considered one of the very finest in the world. To the amateur gardener, an AARS award seal on the rose he buys represents an unprecedented and solidly reliable assurance of quality and growing satisfaction. To the rose breeder, an AARS award for his creation is the highest honor his rose can possibly receive. To the nurseryman and garden center operator, the presence of the green and white AARS seal on the rose he sells is an assurance to him and his customers that the plant will give superior performance, beauty and reliability under most any conditions.

HOW DID AARS COME INTO BEING? A long time ago, before the plant patent act, when there was little organization in the rose market, rose names were changed at will by unscrupulous dealers and often a variety was marketed under half a dozen or more names in the same listing.

With the enactment into law of the Plant Patent Act, designed to protect the rights of the plant inventor and allow him compensation for his labors, the unsatisfactory condition of the rose market should have been corrected. Actually the situation failed to show much improvement, due to the wording of the law which required only that the patented plant be different in some respect from plants already in existence. As most new rose varieties could be claimed to be different in some characteristics, the market was soon flooded with patented varieties which were inferior to many roses already in commerce. The gardener still had little idea which varieties were good and which were not.

It was during this period that the leading rose growers of the country decided to act. In 1938, in Chicago, rose producers and introducers from all over the country banded together to organize All-America Rose Selections. This non-profit organization was set up specifically to test new varieties of roses and determine which, if any, were worthy of recommendation to the buying public as the very best to be found in new roses.

HOW DOES AARS OPERATE? Under the AARS testing program, which functions today exactly as it did when organized 32 years ago, plants in test are trial grown under actual garden conditions at 22 testing stations throughout the United States. These trial grounds are located so that all varieties of soil and climate in the areas where roses are generally grown are represented.

During the two-year testing period for each entry, the test gardens must be maintained as required by the AARS Test Garden Committee which specifies normal care such as would be provided by the ordinary good gardener. The roses may be judged only by an official AARS Judge and there is one assigned to each test garden. Official Judges do not gain their appointments easily, as each must serve a carefully supervised two-year apprenticeship before he can hope to obtain his judgeship.

A major proportion of the AARS Judges are college professors, or men in charge of large public gardens throughout the country who take their judging appointment very seriously.

The scoring procedures, rose characteristics which are to be judged, and the maximum number of scoring points allowed each in the prescribed numerical scoring system, are all under the guidance of the AARS Scoring Schedule Committee. Candidate roses are graded on vigor, habit, hardiness, disease resistance, foliage, flower production, bud and flower form, opening and finishing color, fragrance, stem and novelty.

In addition to its work on the scores, this committee labors constantly to improve the scoring technique of the Judges, and, every five years, calls them all in to attend a Seminar devoted to the study of improved methods of judging roses.

HOW ARE AARS WINNERS IDENTIFIED? It is a requirement of AARS that all plants of an award winner be identified by a green and white oval metal seal bearing the following wording — "This AARS rose, after two years of actual growing tests in all parts of the United States, has proved to be a superior variety."

Check Your Car

Planning a car trip? Get the lead out and follow these safety rules suggested by American Oil Company: 1) Have the brake linings inspected. 2) Check wheel alignment to prevent tire wear and blowouts. 3) Replace worn or cracked wiper blades. 4) Test headlights, taillights and turn signals. 5) Guard against air pollution by having an engine tuneup, including a test of the pollution control (PCV) system. 6) Remember that lead-free gasoline also helps to clear the air.

Certainly Lasso® plus atrazine tank mix controls fall panicum in corn.

That's what you expect from your herbicide.

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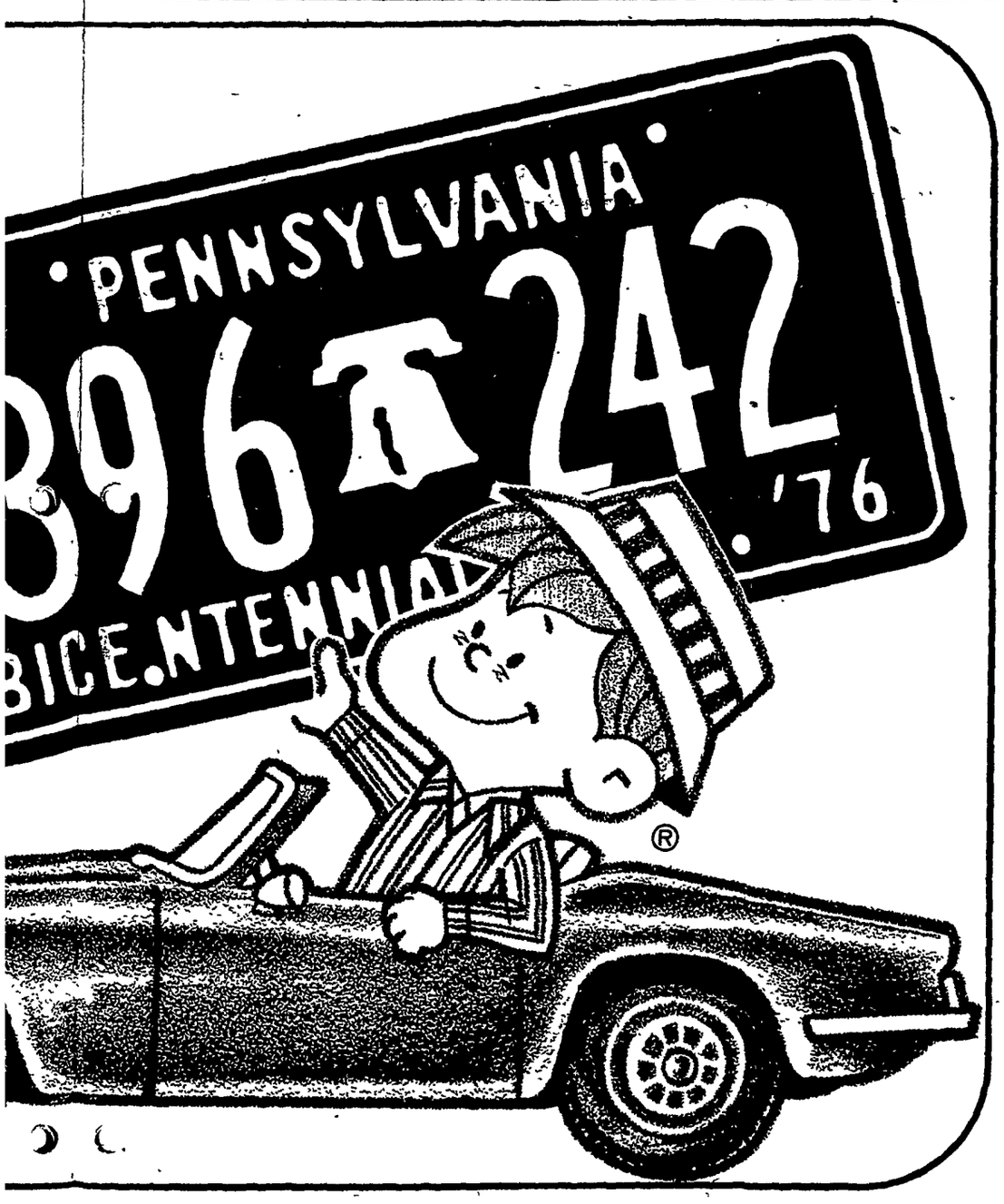

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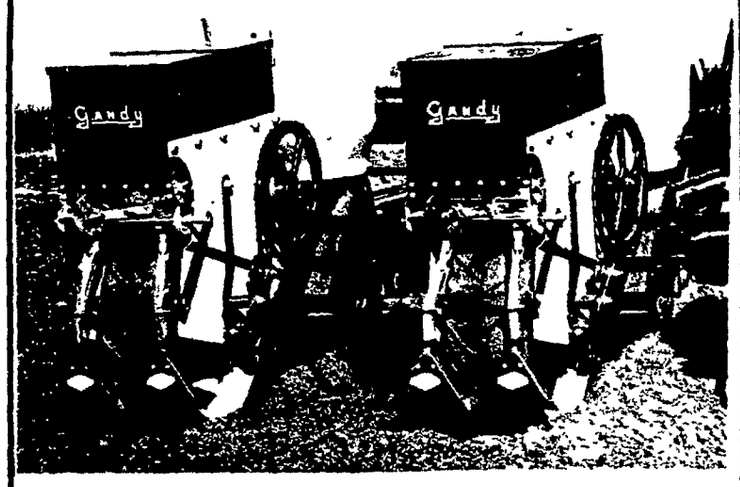

FITS POPULAR PLANTERS

Protect corn, beans and many other crops from weeds and insects. Only GANDY guarantees accuracy in writing. Easy to assemble and disassemble. Very versatile, will apply 7" - 10" or 14" band or sidedress when cultivating. Will even put underground with fertilizer.

Whatever you need, GANDY can do it.

YES! We have universal models to mount on older 2 and 4 row planters.

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Bird In Hand, Pa. 17505

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717-626-4355

Co. Calf

(Continued From Page 1)

Junior Yearling Bull shown by Huntsdale Stock Farm, Meryl Shaeffer Carlisle, Pa.

The highly honored Premier Breeder award, based on total points earned by exhibitors with entries placing high in the individual classes, was won by Caernarvon Farms, Andrew and Nathan Stoltzfus, Elverson,Pa. with Robert Gitt, Penn Gate Farm, the contender. The Stoltzfus' also won Premier Exhibitor honors, with Gitt again contender

The Best Three Females bred and owned by exhibitor was shown by Caernarvon Farms, Andrew & Nathan Stoltzfus. Senior Get of Sire was won by four daughters of Romandale Reflection Marquis from the Garden-Acres herd of Arthur Baxter, Stoneboro, Pa.

Prouce of Dam honors went to two daughters of Will-Tri Senator Success shown by Roy L. Simpson and Ronald C. Farrell, Mansfield, Pa. The Dam and Daughter class was won by a pair owned by Stephen J. Vanco, Sugar Grove, Pa.

Judge Keene selected the first place Senior Yearling Royal Haven Maple Belle shown by Lynn and Bonnie Miller, Towanda, Pa. as the Junior Champion Female. Melvin Peifer, Canton, Pa. exhibited the Reserve Junnor Female.

This was one of two Lancaster County calves that topped the $100 mark in last Saturday's State Holstein Calf Sale in Harrisburg. It was consigned by Earl Stauffer, right, of Sunnycraft Farm in Ephrata Also in the photo are selectors Nathan Stoltzfus, left, and Jay Landis.

Calendar

(Continued from page 1)

Tuesday, April 10

10:30 a.m. - Lancaster County Farmers Association Ladies Day Out, Farm and Home Center.

7:30 p.m. — Junior FFA Public Speaking Contest, Ephrata High School.

7:30 p.m. — Ephrata Young Farmers Wives Program Night.

7:30 p.m. — Farm and Home Foundation Board of Directors meeting, Farm and Home Center.

Thursday, April 12

7:30 p.m. — Manheim 4- H Community Club meeting, Fairland Elementary School ; Members - Note Day.

Saturday, April 14

9:30 a.m. — Boots and Saddles 4-H club All-Western Horse Show, Lancaster County Riding and Tennis Club.

10:30 a.m. — Penn-Mar Shropshire Breeders' Club meeting, Leon Johnson's Micar Farm, Stewartstown.

Last Week to Register

If you're not registered to vote in the May 15 primary election, you won't be able to influence the outcome of the voter referendum that could help to hold down farmland tax rates.

To vote yes for a clean and green Pennsylvania, you can register until April 16 at the Lancaster County Courthouse from 8:30 to 5:00 Monday through Friday, or from 8:30 till noon on Saturday.

You can also register at Park City's Security Mall, from 2:00 p.m. till 8:30 p.m. Friday and Saturday only. The Security Mall is the one between Watt & Shand and Penney's.

HOFFMAN PRODUCTS

Cattle and Hog Minerals with Vitamins

DAIRY SANITIZERS AND DETERGENTS

OTHER PRODUCTS

- Udder Supports
- Milk Fever Aid Bolues
- Rubbers and Boots, all sizes

* TROJAN HOG WATERERS
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* 10 PERCENT OFF ON ALL SNOW SHOVELS

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Farm & Dairy Store

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Store Hours 7 A.M. to 9 P.M.

Closed Tues. & Sat. at 5:30 P.M.

Sutan® Selective Herbicide **works on grassy weeds in corn rain or shine**

Sutan mixed in the soil before corn planting gives sure weed control, rain or shine. Sutan destroys weeds as they sprout, with no waiting for rain to put it in the soil.

Sutan controls tough nutgrass, fall panicum, Johnsongrass seedlings, foxtails, wild cane and many other weeds that reduce yields and complicate harvest. For weed-free profitable corn, see us now for Sutan.

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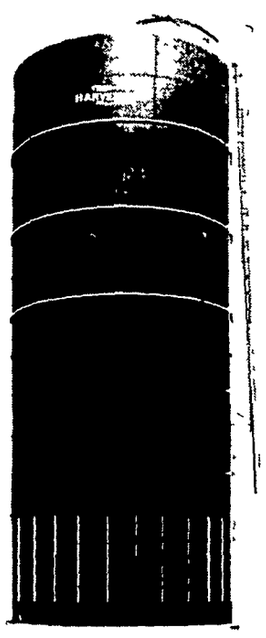
Can you afford it?

Soybean meal and other protein supplement prices are skyrocketing That means it's costing you more than ever before to produce a pound of meat or milk What's the answer?

For thousands of livestock and milk producers in the United States and Canada the Harvestore System is the answer

The Harvestore System lets you keep and feed more of that good protein you grow So your supplement bill is greatly reduced or eliminated entirely

Want to beat the high cost of supplement? Then call your Harvestore dealer today He'll show you how you can pay for a Harvestore System in protein savings alone



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Number of Animals

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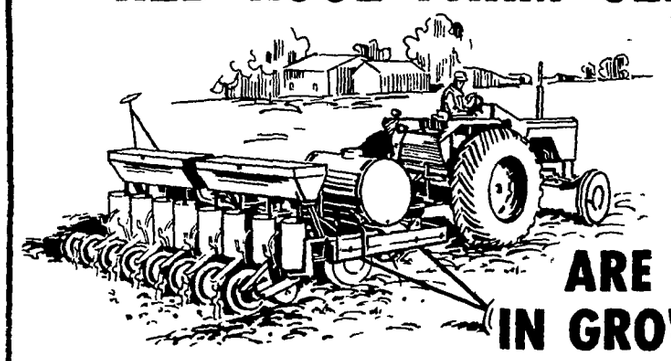

ATTENTION MR. FARMER!!

ARE YOU INTERESTED IN GROWING SOYBEANS?

WE HAVE A LIMITED SUPPLY OF STATE INSPECTED UNCERTIFIED SOYBEAN SEED AVAILABLE AT A VERY REASONABLE PRICE.

FOR COMPLETE INFORMATION, CALL OR STOP AT ONE OF OUR CONVENIENTLY LOCATED STORES TODAY.

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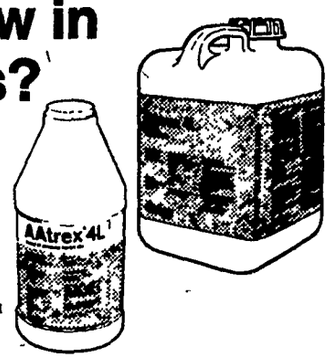
PHONE 626-2191 or 394-3047

What's new in herbicides?



AAtrex® 4L. It pours.

New AAtrex 4L is the brand of atrazine that pours. This special liquified product controls most annual grass and broadleaf weeds in corn and sorghum right up to harvest just like AAtrex wettable powder.

But with AAtrex 4L there's no premixing. You simply shake and pour it directly into the tank. And apply in a minimum of 10 gallons of water per acre.

Easier handling. A minimum of agitation. And less chance of nozzle and screen plugging. That's AAtrex 4L. And we have it! In 1 gal. and 5 gal. containers. If you prefer, we'll apply it for you.

CALL YOUR KERR-McGEE DEALER

KERR-McGEE CHEMICAL CORP.

Ready to break ground for the Penn Hill office of Farmers National Bank of Quarryville are (from left) Amos B. Myers, the bank's vice president and future Penn Hill Office manager; Harold E. Aument, a bank director; Arthur E. Brown, president of the bank's board of directors and chairman of the building committee; George K. Brinton, a director; and Paul D. Risk, general contractor. Scheduled for completion this fall, the bank will be located in the Village of Wakefield, at the intersection of Rts. 272 and 222.

READ LANCASTER FARMING FOR FULL MARKET REPORTS

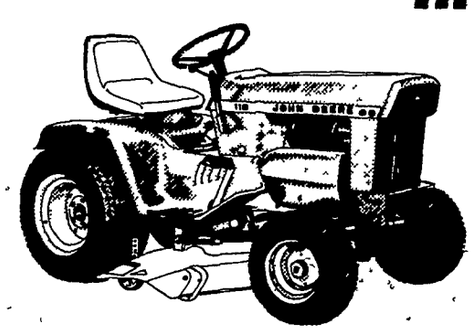
OPEN HOUSE

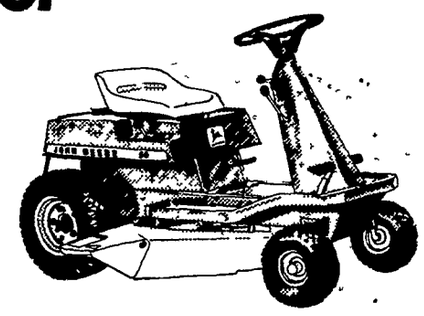
NEW SPRING LINE FROM JOHN DEERE

Thursday, Friday, Saturday—April 12, 13, 14

It's John Deere

Weekend Freedom Time!





Lawn & Garden Tractors

There's a John Deere Lawn and Garden Tractor in a size and price range that matches the job you want it to do and your pocketbook. Select a 7-, 8-, 10-, 12-, or 14-hp model. See them at our Open House. Ask us about parts, service, warranty and finance plan.

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Why walk on the grass when you can ride? And at an economical price. See the super-quiet Electric 90 and 6- and 7-hp conventional riders during our Open House.

Register For Fabulous Prizes!

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19" JOHN DEERE ROTARY MOWER

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Refreshments will be Served

OPEN HOUSE HOURS—9 to 9 Thurs. & Fri.
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SAFEGUARD YOUR LIQUID INCOME

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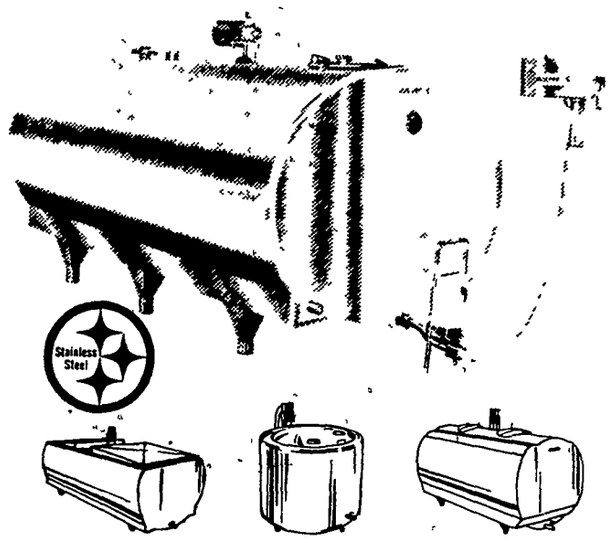

Mueller introduces HiPerForm® the completely automatic bulk milk cooling system for today's progressive dairyman. Durable stainless steel Model "OH" cooler features direct expansion refrigeration for efficient cooling, freeze-prevention control and large radius corners and smooth welds for optimum cleaning. Cooler capacities range from 300 to 5,000 gallons. With the flip of a switch, Mueller-Matic® Automatic Washing System engulfs the interior of the cooler with jet-spray wash and acidified rinse.

Ask your local Mueller Distributor for all the facts about the revolutionary HiPerForm cooling system. He's ready to help you with expert sales and service

BIG SPRING DISCOUNT

HALLER ELECTRIC INC.

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24 Hour Service
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Southern Herds Visited on Chester Holstein Tour

The Chester County Holstein Breeders Association annual tour was held March 22 and 23. The tour group visited dairy herds in Maryland and the Virginias.

Farms visited included C.E. Jager and Sons, Maple Lawn Farm of Fulton, Md., top herd in Maryland with 140 lactations averaging 18,327 pounds of milk, 625 pounds of fat; Kingstead Farm, a 140-cow herd averaging 14,249 pounds milk, 549 pounds fat, a herd with a dozen cows contract mated to bull studs; LeRoy Savage of Boyds, Md., a herd featuring 50 daughters of Paclamar Astronaut; Robert and Mary Poole, a small herd with 13 daughters of Ivanhoe Star and 10 daughters of Whirlhill Kingpin; Renn Remsburg's Brooklodge Farms Jefferson, Md., a herd with records averaging 16,000 pounds milk and 650 pounds fat, with daughters of Elevation and Merry King.

Other farms visited were those of Pete Walker of Shenandoah Junction, W. Va., a herd of "Kansas Burkes" Russell Wachter's Clover Farm, Keymar, Md., with 86 cows having a B.A.A. of 106 per cent; Round Oak Farm, Purcellville, Va., a 100-cow herd with daughters of Elevation, Fond Matt and Defiance.

Bill Harrison's Farm at Leesburg, Va., a herd average of 16,000 pounds milk and a B.A.A. of 104 per cent, and John Rinehart's farm, Littleston, Pa., a herd stressing cow families with high production per cow and a well planned merchandising program.

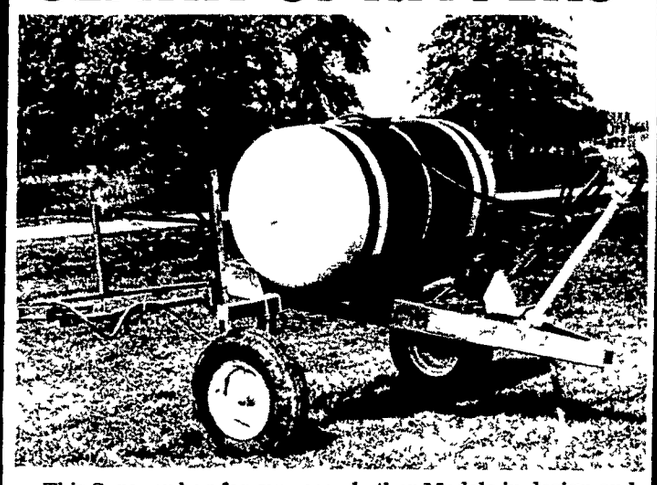
This year's tour visited some of the top herds in Maryland and the Virginias featuring a variety of management, feeding, and breeding programs. This cross section of dairy farming practices proved to be a very educational tour for all those who attended.

The Round Oak Farm at Purcellville, Va., was one of many farms visited during the Chester County Holstein Breeders annual tour recently.

This group of Chester County dairy farmers left the milking chores to the hired men as they toured dairy facilities, part of a two-day tour by the Chester County Holstein Breeders.

If you hear a steady thumping noise while driving, and can't find the cause, one of your tires may be severely underinflated, possibly the result of a slow leak.

CLARK SPRAYERS



This Sprayer has far surpassed other Models in design and versatility. The saddle is bolted to the frame and carries a 200 or 300 gallon Aluminum, Fiberglas, Coated Steel, or Poly tank, Adjustable wheels make it possible to vary row widths from 54" to 80". Flotation wheels are standard in 14" and 15" with 6" widths. The parking stand is standard. The floating boom is unique in design as it remains level when being used on rough terrain. The booms offered on this machine handle most chemicals. Complete your machine by choosing from various pumps to meet your own specific needs.

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Lancaster County's Only Dealer Specializing in Sprayer Sales & Service

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STIHL

MODEL 08

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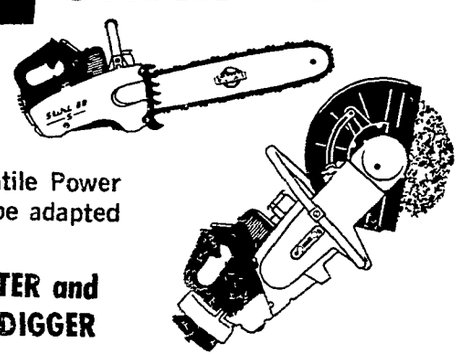
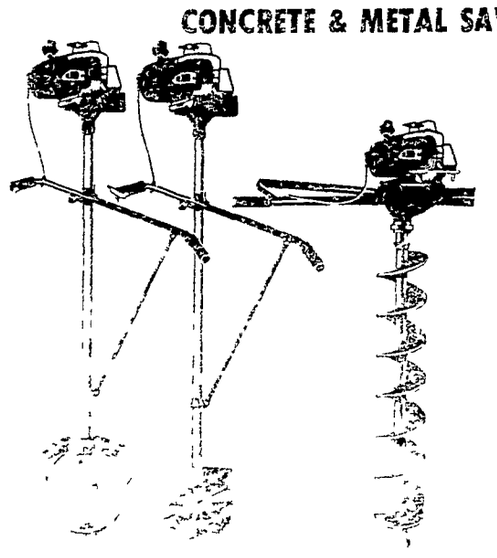
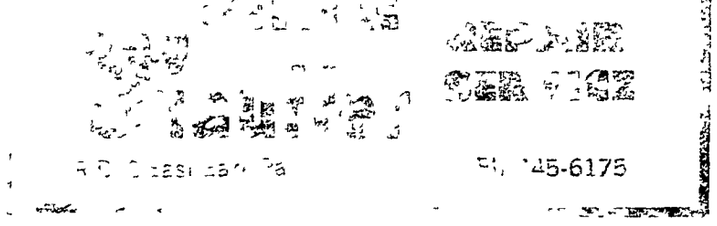


With the Versatile Power Unit That can be adapted for use with

BRUSH CUTTER and POST HOLE DIGGER

CONCRETE & METAL SAW





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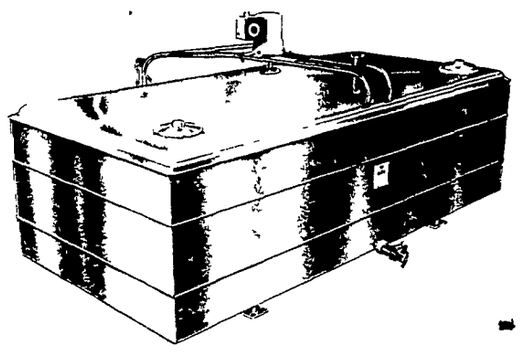
The Proven Performers!



DIPLOMAT –
Proven on thousands of dairy farms the world over.
200 to 1500 gallon sizes

- PATENTED, FULLY-FLOODED GIRTON COLD PLATE
- STAINLESS STEEL CONSTRUCTION
- LOW PRESSURE FREON 12, THE SAFE REFRIGERANT
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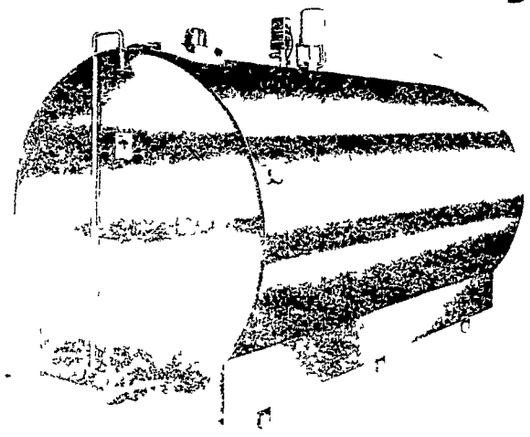

AMBASSADOR –
The ultimate tank for the large, quality conscious dairy farmer
940 to 3000 gallon sizes

CLARK ELECTRIC, INC.

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PennAg Endorses Environmental Issues

The Board of Directors of PennAg Industries Association voted support for Pennsylvania House Bill No. 588 which will regulate pesticides according to standards established by the Federal Environmental Protection Agency and the new Federal Environmental Pesticide Control Act during a recent meeting. PennAg Directors also voted to endorse the "Clean and Green" Constitutional Amendment concerning assessment of Pennsylvania farmland. The amendment will appear on the upcoming May 15 primary ballot.

The pesticide bill has been developed around a model suggested by the American Association of Pesticide Control Officials. A study committee tailored H-588 to the needs of Pennsylvania. The committee was composed of representatives from public, private, and agricultural groups. PennAg was among the agribusiness representatives.

William Angstadt, president of the Reading Bone Fertilizer Company and Chairman of PennAg's Law and Legislative Committee stated,

"PennAg Industries Association realizes that full details of Federal regulatory standards required of states may be a few years off, but H-588 will provide effective parameters within which Pennsylvania can start to work now."

The bill proposes to give the regulatory powers to the Pennsylvania Department of Agriculture.

PennAg's Directors also endorsed the constitutional amendment which will provide that land may be assessed at a fair value for its use instead of a value it might bring if it were turned into a housing development, industrial park or shopping center.

Eugene E. Eby, H.R. Wentzel Sons, New Port, President of PennAg states, "The Association is well aware that the future of agribusiness is directly related to the prosperity of agriculture and we support this action for both economic and environmental reasons. When the effect of taxation causes productive farmland to be abandoned or turned into a commercial-crazy quilt, we agree it is time for change.

"In addition to the scrubbing action which Nature's green provides in industrial pollutants into clean air, a near-to-market network of farms will provide Pennsylvania consumers a continued supply of high quality foods."

The Association is appealing to its members and the citizens of Pennsylvania to work for the enactment of the amendment.

Past Governors William W. Scranton and George M. Leader are co-chairmen of the "Clean and Green" committee which is spearheading support for the amendment to control runaway commercial development.

New Discovery Is Said to Assist Debilitated Horses

A new long acting tissue-building agent for treating debilitated horses, is being introduced nationally to the veterinary medical profession by the Animal Health Division of E. R. Squibb & Sons, Inc.

Debilitation can be caused by many things: overwork, overexertion, excessive hauling, as a result of disease, surgery, traumatic injury, or any combination of these.

The treatment is indicated as supportive therapy in treating debilitated horses when the debility is due to overwork or overexertion, and as adjunctive therapy for diseases, surgical cases, or traumatic injuries, according to the company.

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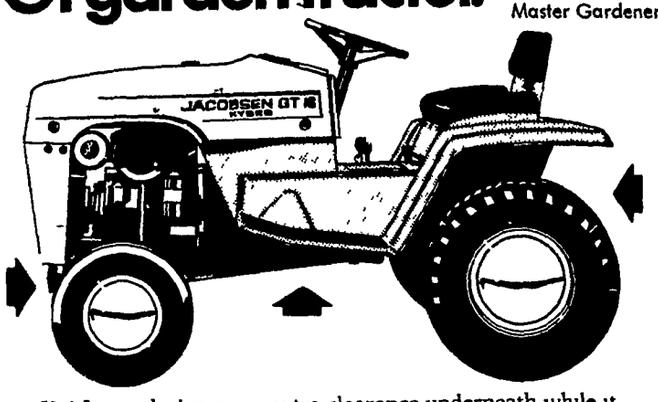

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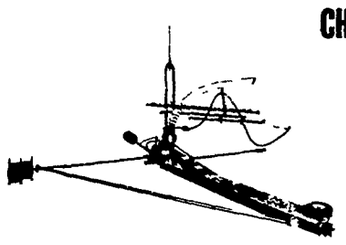

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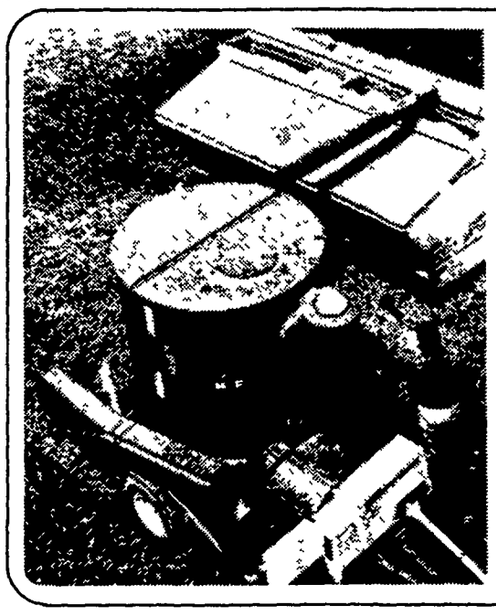

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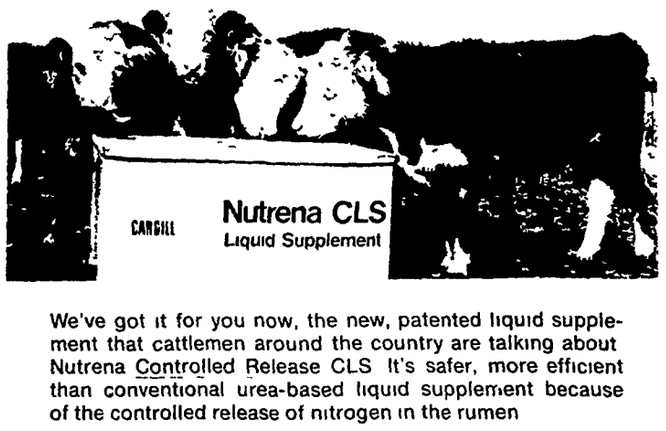

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Dry Beans Offer Potential for Profit

A shortage of dry beans used by food processors offers a marketing opportunity for Pennsylvania farmers, according to Secretary Jim McHale of the Pennsylvania Department of Agriculture.

Products featuring kidney, pea and similar dry beans are widely used by state food processors in a variety of canned products, including baked beans and bean salads.

"Our processors tell me the shortage of dry beans probably will continue for several years, unless we can develop a source of supply here at home," McHale said.

In recent years, processors have been obtaining their dry beans from other states because of a lack of supply in Pennsylvania. However, interviews conducted by the Bureau of Markets reveal most Pennsylvania processors would prefer buying state-grown beans if available. One reason is increasing freight rates.

Some state processors have been experimenting with growing dry beans near their plants. "Results have been promising," McHale said, "but work needs to be done on developing varieties better suited to Pennsylvania, as well as solving storage and drying problems."

Additional information is available from the Bureau of Markets, Pennsylvania Department of Agriculture, Harrisburg.

Mercury Is Recycled On Collegian's Tip

The mercury in mercury batteries is being recycled as a direct result of a Florida university student's suggestion to Standard Oil Company of New Jersey.

Standard is sending the used mercury batteries to P. R. Mallory and Company, Lexington, N. C. Mallory recycles the mercury from the batteries, helping to save a valuable natural resource and preventing the contamination of the environment when batteries are discarded with the rubbish.

Happy Homemaking

By BARBARA BAKER

Take an over-the-door hanger with you when you go visiting. This saves the hostess the trouble of making closet space for your clothes. The collapsible ones take up very little space in a suitcase.

* * *

When casement windows are hard to open in an older home, spray the wood that the windows move on with an aerosol furniture polish to make the windows move more easily.

Apply a coat of clear shellac to taper candles to prevent them from drooping.

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Include a letter opener with things you take along to someone who is hospitalized.

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To save patience and fingernails, after using masking tape, break an ordinary kitchen match in half and insert the untipped end under the end of the tape to make it easier to unroll the next time.

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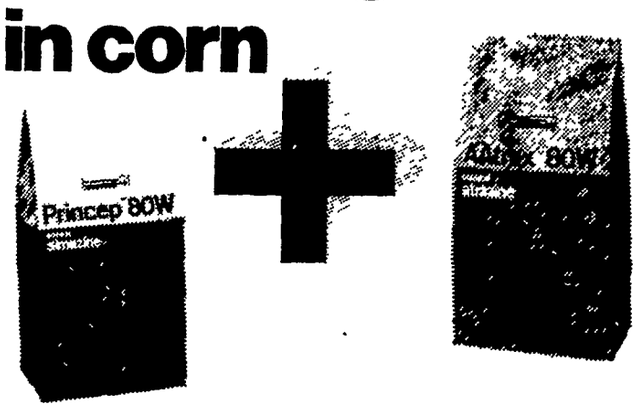

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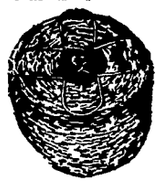

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US Sunflower Oil Output Increasing

Greater demand for fats and oils in the expanding food product market has prompted rising interest in U.S. sunflower production, according to a report released today by the U.S. Department of Agriculture's Economic Research Service.

Sunflowers already rank as one of the world's leading oilseed crops. Since 1967, sunflowers have been produced for oil in the U.S., but on a limited scale. Interest in expanded U.S. production is being stimulated by a need for alternative cash crops in certain areas; the yield potential of high-oil hybrid sunflower varieties; excess crushing capacity in screw-press cotton oil mills; emphasis on the health value of polyunsaturated fat; and growing world demand for edible oils.

U.S. acreage devoted to oilseed sunflowers has been growing steadily, exceeding 600,000 acres in 1972. Production has been concentrated in the Red River Valley area of Minnesota and North Dakota, with trial plantings undertaken in the Cotton Belt States. Commercial introduction of higher yielding hybrid sunflower varieties in the next few years should improve the competitive position of oilseed sunflowers in all growing areas.

Producing sunflowerseed costs approximately $23 per acre in the Red River Valley, and $40 per acre in the Cotton Belt, based on present average yields of about 1,000 pounds per acre in the Red River Valley and 1,250 pounds in the Cotton Belt.

Estimates of gross profits from processing sunflowerseed range from $13.87 to $40.47 per ton, depending on yield of oil, mill size, length of the processing season and mill location.

A copy of "Potential For Oilseed Sunflowers In The United States," AER 237 , is available free on postcard (please include zipcode) or telephone (447-7255) request from the Office of Communication, U.S. Department of Agriculture, Washington, D.C. 20250.

USDA to Get Farm Return Data

The U.S. Department of Agriculture (USDA) today clarified the limited income tax data it will get from farmers' income tax returns.

"This information will be limited to the name, address, taxpayer identification number, type of farm activity and some identification of the size of the farming operations," explained Don Paarlberg, USDA's director of agricultural economics.

The size indicator "might be the farmers' gross income or his gross sales of farm products," Dr. Paarlberg added.

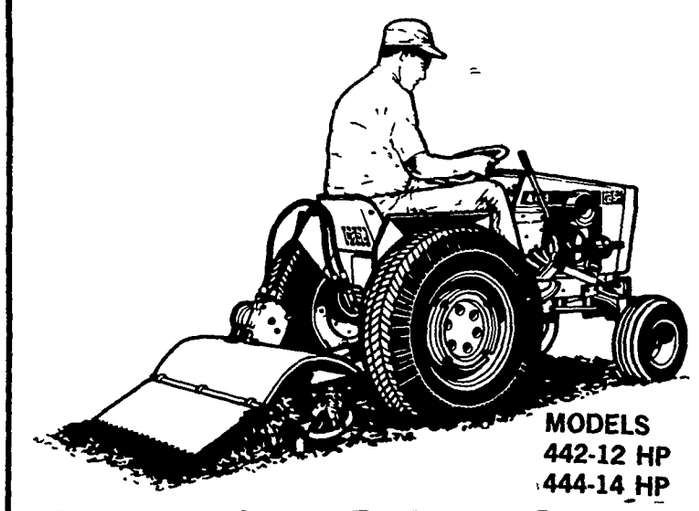
The limits are envisioned in a new executive order which the President is expected to issue, replacing his executive order of Jan. 17. This order gave USDA access to farmer income tax data to help the Department to develop better lists of farmers and livestock producers for its sample surveys.

"The whole idea was to identify farmers of the same size and type of farming activity so that we could then contact them by mail or telephone to get more data on their operations," Dr. Paarlberg said.

"We would then develop this information for use in regular reports to help guide farmers in making their day-to-day farming decisions. This would enable us to provide better information at lower cost.

"It was never our intention to look at the farmers' complete tax return," Dr. Paarlberg said.

The new order simply puts this intention into writing by limiting the information that may be given to USDA personnel, he said.



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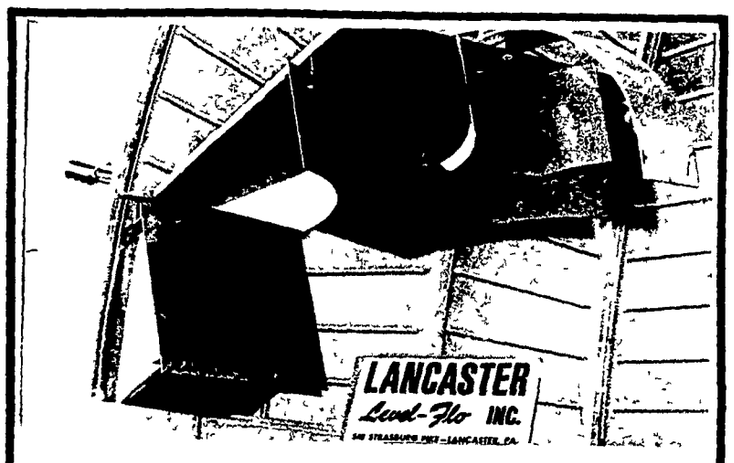

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Consumers Blame Middlemen for Prices

Farmers and food retailers, in general, receive the least blame for high costs of food, according to a national survey of consumer reactions to prices. The study was reported today by Dr. Rex H. Warland and Dr. Robert O. Herrmann, sociologist and economist with the Agricultural Experiment Station at The Pennsylvania State University. They directed the analysis from University Park.

The blame for high prices fell most heavily on groups usually considered the middlemen, food manufacturers and labor unions. Farmers, food retailers, and food manufacturers were not blamed by any particular consumer group. However, labor unions were mentioned more by men than by women as causing high food prices. Owners of businesses and white collar workers blamed unions to a greater degree for high prices than did skilled and unskilled workers.

Suprisingly, union members and others in the same household were just a likely to mention labor unions as contributing to higher food costs as persons not belonging to unions.

At the same time, Warland and Herrmann point out, no one group was singled out for creating high prices. No group was named by over half of the respondents even though they could name as many groups as they wished.

Drs. Warland and Herrmann say persons who apparently didn't know whom to blame for increasing food prices were those hurt most by high costs. They found this same pattern in several other studies. Those who didn't know were usually those in greatest need - but they knew least what was happening, why it was happening, or what to do about it.

The study analyzed a random sampling of 1235 people thorughout the United States. The sampling gave a representative cross section of America population on factors such as race, age, occupation, and region of the country. The analysis was made several months ago.

The project found consumers upset about the cost of numerous other goods and services. Complaints about the high cost of medical services provided by hospitals were close behind the comments on food prices. Eighty per cent of the sample said medical service costs were too high.

About 70 per cent of the people sampled thought automobiles, doctor services, and drugs and medicines were priced too high. In contrast, only 40 per cent said that major appliances were too costly.

Obviously, concern over rising prices is increasing. Earlier surveys made in the summer and fall of 1971 indicated that about 65 per cent of the people surveyed thought food cost too much. The recent survey found this figure had risen to 85 per cent.

Widespread consumer unrest and dissatisfaction could result in increasing demands for governmental action, Warland and Herrmann observe.

Fix-It Tip

Electric motors that run hot or slow may be in need of lubrication. Follow manufacturer's instructions. Small appliances generally need frequent oiling. Use the oil sparingly.

Usually just a drop of oil is needed at each oiling point each time. Large motors may need oiling once or twice a year If the motor is in a sealed housing, leave it alone — it is self-lubricating.

Heating and rapid wear of motors are caused by dirt. Wipe motors frequently and vacuum out accumulations of dust.

Check belts and pulleys (if the motor has them) for excessive wear. Slipping belts may cause inefficient operation of your appliances.

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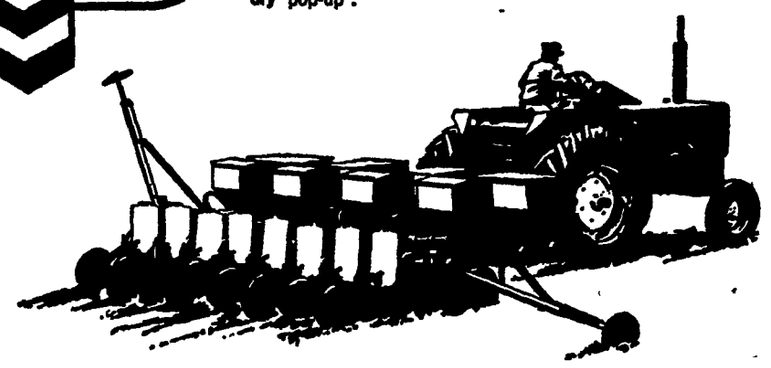

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If you're in the market for a lawn and garden tractor in 1973, it will pay you to shop early, according to New Holland Lawn and Garden Dealers. Purchasers of 12, 14 and 16 horsepower New Holland tractors between April 1 and June 30 can choose either a Remington portable typewriter or pocket calculator, a digital clock radio or a large tool kit as a free gift during the special Better Buy program. Smaller tractors and riding mowers also have special gift bonuses for buyers.

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A registered Holstein calf donated to the Lancaster Mennonite High School benefit auction by J. Eby Hershey and family of Gordonville sold for $725 last week to Charles Myers, owner of The Black and White Holstein Farm, 1500 Rohrerstown Road, Lancaster. The auction was a part of a fund drive effort to raise money for the development program. With matching funds from friends of the school, the net return from the sale was over $10,000. Left to right in the photograph behind the calf, Myers, Hershey and son James. In the sale box is Abe Diffenbach Jr, and Abe Diffenbach.

Myers Buys Calf At Benefit Auction

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Retailing Bull Beef

(Continued from Page 1)

factor, Bowman feels, in producing lean choice-quality cuts. "If a housewife buys a tough cut of meat at the supermarket, she only ruins one meal. If I'd sell her a tough carcass, she'd be mad at me for ruining her whole year. I can't afford to sell tough beef. That's why I finish all my bulls on grain."

In his first year of part-time operation, Bowman sold six head. Now he averages around 150 head a year, and it's a full-time operation for one man. Bowman's 17-year old son also helps out with the chores. The operation is at the point where Bowman feels he's got to make a decision on whether or not to expand enough for his son to get into the business after he graduates from high school.

Bowman follows a fairly standard program in getting his bulls to market weight. He buys Virginia feeders at 300-400 pounds, takes them up to 700 pounds on silage, and finishes them to 1000-1200 pounds on grain corn.

In his barns now, Bowman is rearing Angus, Hereford, Holstein, Charolais and crossbred bulls, including some Brahma crosses Part of the reason for having this mixture is that some customers ask for a particular breed. Bowman also likes to experiment with the profitability of each breed. As for raising bulls, Bowman says he hasn't experienced any more problems than he might expect from a herd of steers.

When he started the operation, Bowman owned only nine acres, the same acreage he owns today. He rents another 47 acres, on which he grows part of his grain and silage requirements. In a typical year, he might grow enough feed to see him through about seven months. When he runs out of feed, he buys from a mill.

Asked if he'd like to rent another 50 acres or so to grow more of his own feed, Bowman replied that he didn't feel the economics of buying feed were that much against him. "When you figure that you've got to buy seed, you've got to plant, spray, harvest and store, and add those expenses to taxes if you own the land and rent if you don't, I don't think I'd be that much farther ahead by growing all my own feed."

One problem that Bowman feels might intensify is getting a butcher who'll process the animals for his customers. The slaughtering must be done in a federally inspected shop. New, tougher meat inspection regulations have driven some small butchers out of business. Many of the butchers who are left are unwilling to take on the extra burden of cutting up sides of beef for Bowman's customers. Right now, there are two butchers who handle all Bowman's work, about four bulls a week. The arrangement seems to be working out to the satisfaction of all concerned, but conditions could change overnight.

Raising beef for today's market is an occupation that has its share of problem. Lately, meat boycotts and the threat of government control have been added to soaring feed prices, environmental regulations and the ups and downs of an ever fickle market. Clyde Bowman has insulated himself from some of these problems. He's especially made himself less vulnerable to volatile marketing situations, and he feels this is one of the best reasons for conducting business the way he does.

F&H

(Continued From Page 1)

annually in the form of educational scholarships.In addition, funds from the foundation treasury are being used to finance the scholarship program.

All senior guidance counselors throughout the county's school districts are being informed of these scholarships

Interested high schools are urged to contact their Senior Guidance Counselor for details and an application blank. Additional information is also available from M.M.Smith, Chairman of the Scholarship Committee, 1383 Arcadia Road, Lancaster, Pennsylvania 17601. (394-6851) Application forms must be forwarded by May 1, 1973.

In the Kitchen

BRISKET AND SPROUTS

- 3 lbs. fresh beef brisket
- 2 tbsps. salad oil
- 1 large onion, sliced
- 2 tsps. salt
- ¼ tsp. pepper
- 1¼ cups water
- 2 pkgs. frozen Brussels sprouts (10-oz. each)
- 1 tbsp. flour

In Dutch oven brown beef on all sides in oil. Remove meat and drain off fat. Add onion to pan, cook 1 minute then return the brisket. Add salt, pepper and 1 cup of water. Cover and simmer 3½ hours. Remove meat, add sprouts and cook 5 minutes. Mix flour with ¼-cup water and stir into pan. Boil 1 minute. Serve sprouts and gravy with brisket.

Rice Throwing

The rice thrown at weddings was intended, by our ancestors, not only to guarantee the couple a large family but to placate any hungry evil spirits present.

* * *

Lexicography

Dictionaries may contain 100,000 to upwards of 500,000 entries, but not more than 60,000 words are likely to concern anyone but a specialist.

* * *

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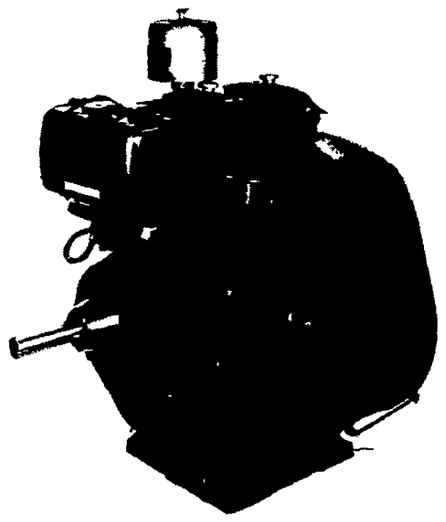

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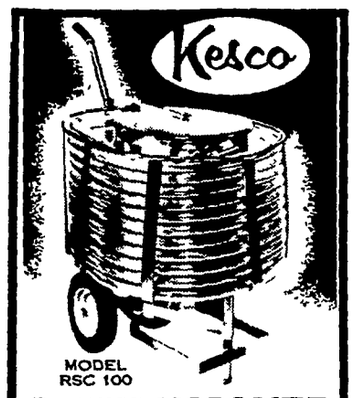

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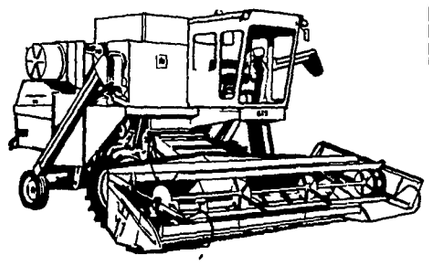

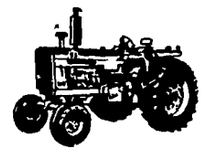

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FROM RANCH TO ROAST: THE HOW AND WHY OF BEEF MARGINS

The price of beef has become—and is likely to remain—a much-discussed issue among farmers as well as the general public.

Beef margins, or the farm-to-retail price spreads, are central to the question of beef prices. Here's how they work:

Between the live steer and the retail meat counter, beef is moved long distances, processed, and packaged in a variety of retail cuts and a range of package sizes that consumers choose from at the supermarket.

These marketing services entail marketing costs—and that's where price spreads come in.

Trends in overall marketing costs are depicted in price spreads between the fed steer at the feedlot and the supermarket meat counter. USDA publishes price spreads for beef, pork and other important farm foods each month.

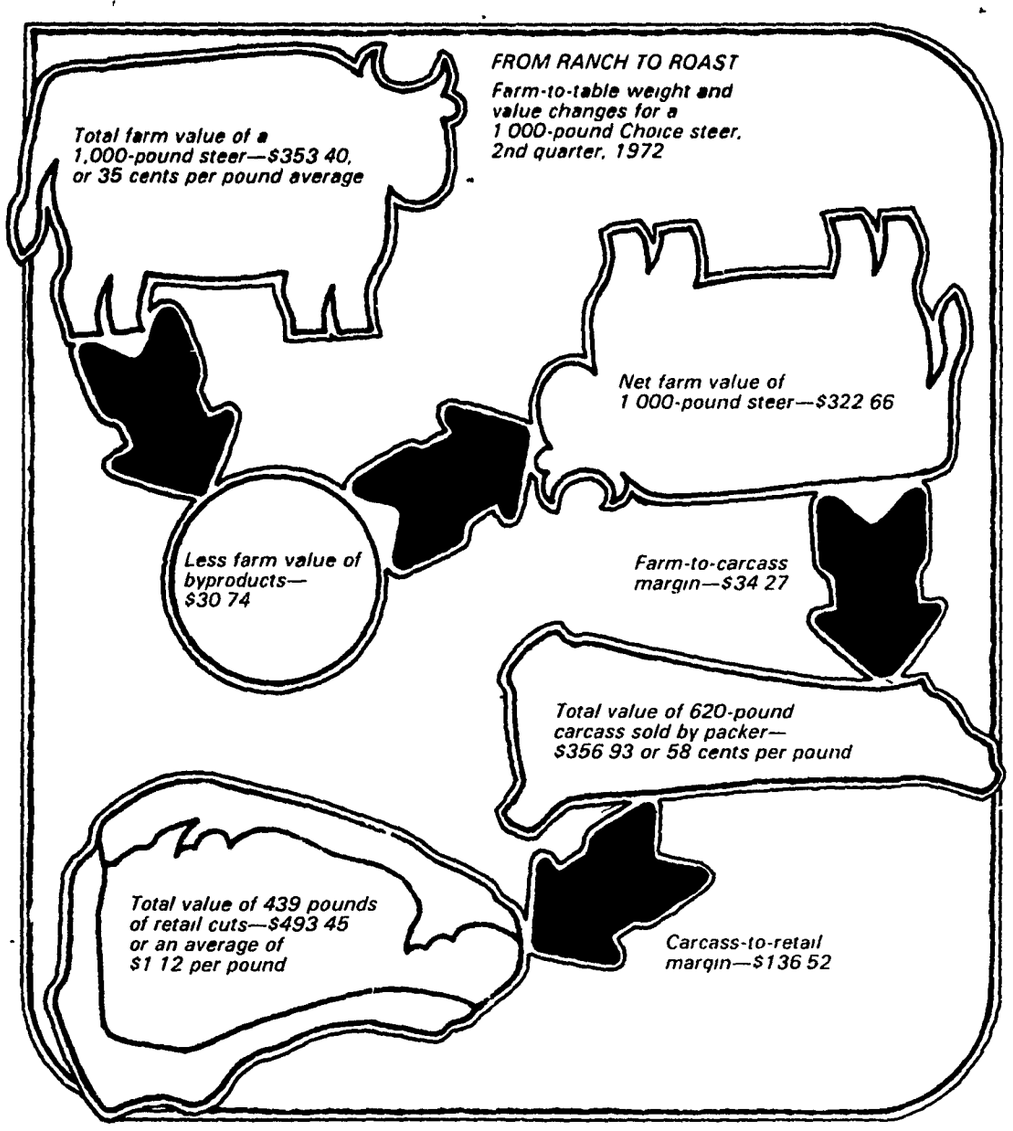
For beef, two gross margins are calculated—farm-to-carcass, and carcass-to-retail. Together, they add up to the farm-to-retail margin.

The farm-to-carcass margin is the difference between the farmer's return for the carcass beef portion of his steer (referred to in USDA data as the net farm value) and the packer's gross return for that carcass. It excludes hides and other byproduct items.

Likewise, the spread in value between the packer's price for the carcass and final returns from consumer purchases is the carcass-to-retail margin.

Put together, they make up the farm-to-retail margin: the beef value sold by retailers less the net farm value.

To make a ready comparison between live weight and retail prices per pound, the diagram here illustrates the value per head during the second quarter of 1972 for a 1,000-pound Choice steer for the live animal, the beef carcass, and the corresponding retail cuts.


FROM RANCH TO ROAST
Farm-to-table weight and value changes for a 1 000-pound Choice steer, 2nd quarter, 1972
Total farm value of a 1,000-pound steer—$353 40, or 35 cents per pound average
Net farm value of 1 000-pound steer—$322 66
Less farm value of byproducts— $30 74
Farm-to-carcass margin—$34 27
Total value of 620-pound carcass sold by packer— $356 93 or 58 cents per pound
Total value of 439 pounds of retail cuts—$493 45 or an average of $1 12 per pound
Carcass-to-retail margin—$136 52

During second quarter 1972, the farmer sold his 1,000-pound Choice steer to a packer for an average of $353.40, or about 35 cents per pound, taking into account about $5.80 for transportation and marketing charges.

Of this total, $30.74 was the farm value of byproducts not sold as retail cuts—hide, tongue, tripe, liver, etc.

To arrive at the farm value of the beef portion of the steer, the byproduct value is subtracted from the live weight selling price: $353.40 - $30.74 = $322.66.

After removal of byproducts and waste, the steer carcass weighs 620 pounds. At a carcass price of 58 cents per pound, the packer's return for the dressed carcass would be $356.93. Thus, the farm-to-carcass margin was $34.27 ($356.93 less $322.66).

The retailer trimmed the 620 pound carcass into 462 pounds of cuts, but because of a 5-percent shrink, he sold only 439 pounds. (Retail shrink includes losses in value from spoilage and pilferage.)

The retail gross value for 439 pounds of meat—sold at an average of $1.12 per pound—was $493.45. The margin from carcass to retail was $136.52.

Since 1967 the greatest increase has been in the carcass-to-retail margin. Into this goes the cost of breaking the carcass, transporting, local delivery, and retail cutting and packaging, as well as retail costs

The retailers' share averages about one-third less than the carcass-to-retail margin.

The widening spread may be explained in part by factors that have tended to push up costs along the marketing chain: longer distance shipments to consumer centers, higher labor costs, interest and overhead, for example

Rising incomes coupled with mounting consumer demand have also played a role in the overall meat price rise.

Per capita consumption of beef has more than doubled in the past 20 years—from 56 to 113 pounds. While the supply of beef has more than kept pace—going from 8.8 million to 21.9 million pounds in the last two decades—increases in population are swallowing up production gains as fast as they occur.

Even so, beef is not likely to become a scarce commodity soon. Predictions from USDA's Economic Research Service are that cattlemen will rise to the challenge of upping beef output by a third by 1980.

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Sales Manager

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3-A.C. 180
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Pa. Farmland

(Continued From Page 12)

mers held on in a marginal fashion while farming the land to supplement employment elsewhere.Often the land is rented or sold to a neighboring farmer who expands his operation in order to stay in business. Other farms are purchased by "gentlemen farmers" with sufficient capital to raise horses or beef cattle for an avocation.

Inevitably, the small farmer has had to decide whether to enlarge his operation or to get out of farming. "It isn't only the farmer and his family who are the losers when his fields and meadows become paved with asphalt — something very precious to us all — something we call rural life - becomes a casualty." So stated Robert Hall in the December 1972 issue of the Conservationist

For those farms where none of the preceding changes occurred, land often has been left idle for several years to grow up in brush and weeds while waiting for a developer to buy it. Recently there has been a rising interest in the purchase of such farms, accompanied by soaring prices. Although real estate has traditionally been recognized as having good investment potential, this new interest in rural properties is not always profit motivated. Probably a better explanation is the desire to "try on" some of the values perceived to be associated with rural life.

It is in this climate of economic, environmental, and sociological involvement that Pennsylvanian's will vote in the May 15, 1973, primary election to decide whether to amend the Constitution of the Commonwealth to permit the enactment of legislation for establishing standards, qualifications, and special tax provisions for agricultural reserves and land actively devoted to agricultural use. If farmland were to be taxed on the basis of its agricultural use-value, this would help relieve the financial pressure from taxes for many farmers and thereby help to keep some land in active farming that might otherwise be converted. It also would prepare for the day when county-wide reassessment occurs and farmland might otherwise be reassessed according to its potential urban value. Indeed, during the past three years in particular counties numerous instances have occurred involving county-wide reassessment where taxes for individual farms were increased by 200 - 250 per cent and some a great deal higher.

In the long-run, however, it is quite clear that a more effective solution will require land use controls in conjunction with a special taxation program. Among the measures that have been discussed are (1) public purchase of open space land and the subsequent leasing of tracts to farmers and other appropriate users, (2) making effective provisions for agriculture in comprehensive land-use plans and in zoning ordinances, and (3) public ownership or puchase by non-profit conservancy groups of scenic easements and development rights for open space land. But land use controls such as these will take time to develop and will require substantial inputs from citizens, township supervisors, county commissioners, and state legislators.

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And if you've sometimes thought your bill was high, it's probably because you are using more electricity today than ever before. Actually electricity is one of the few things that is cheaper today than in 1930. The average rate for residential service from the large electric utilities in Pennsylvania in 1930 was 6.4 cents per kilowatt-hour. Today the rate has been cut by more than half.

But consumption of electricity in the home has almost doubled in the last decade. To the point, in fact, that demand for electricity is racing the multi-billion dollar plant construction program of the utilities to produce it.

To help stave off the threatened energy crisis, the Pennsylvania electric utilities are launching a campaign aimed at reducing waste of electric energy and at promoting wise use. Here are some of the ways in which utility companies advise that you can help, and in the bargain, reduce those kilowatt-hours, and, hence, your electric bill:

In the kitchen, turn off the electric range when not in use; use it only for cooking; thaw frozen roasts before cooking; use flat-bottom utensils with tight fitting lids and place on the same size unit as the pan. Begin cooking foods on high heat and complete it on medium or low settings.

Defrost your *refrigerator* regularly; replace worn door gaskets; turn settings down a few degrees when you go away for a weekend or longer; let hot food cool before putting in the refrigerator.

Plan your clothes *washer and dryer* loads for evenings and weekends when electric demand is lowest; do one full load instead of many small ones; save hot water by using the correct automatic washer settings.

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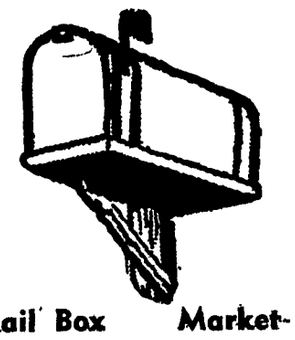

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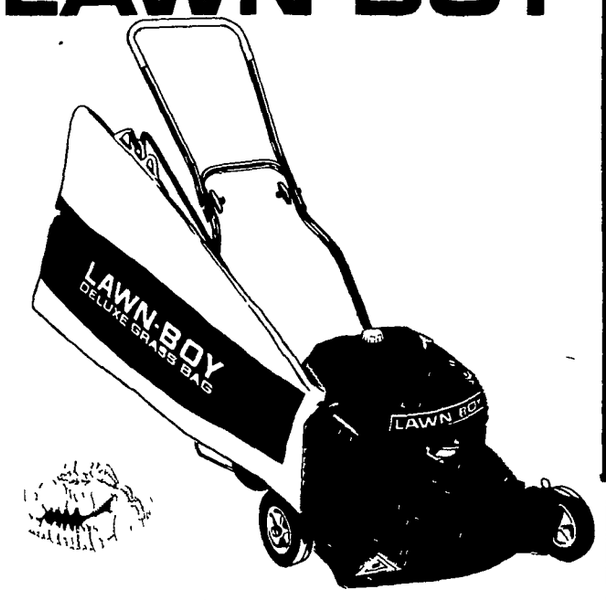

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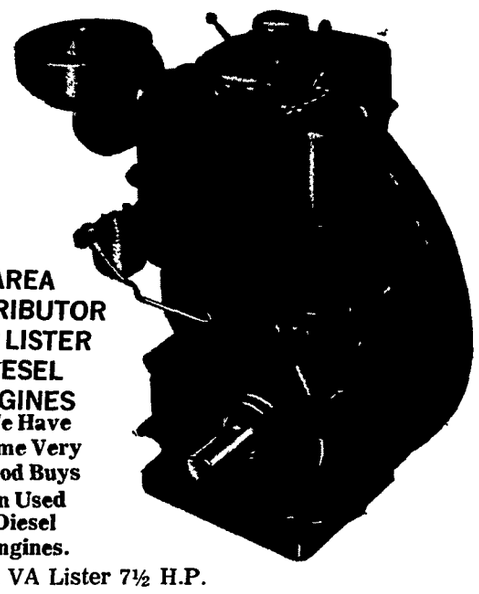

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For Sale - Stainless twin tubs; New Holland Super 66 baler with engine; J.F. 2 horse drawn wheat binder. Phone 354-7984

For Sale - 3 pt. hook No. 120 John Deere 4-14" bottom plow $225. Also Timothy hay. Phone 665-4239

For Sale - 2 frame buildings, metal roofs one 6' x 8' and one 10½' x 16' to be removed soon. Phone 717-786-2830 after 6 p.m.

For Sale - Locust and sassafras fence post, 5 to 25 foot lengths. Moses M. Shirk, RD 1 Columbia at Silver Spring, Phone 717-285-5051

Pasture for Rent - Gideon Beiler, 115 Horseshoe Road, Leola, Penna.

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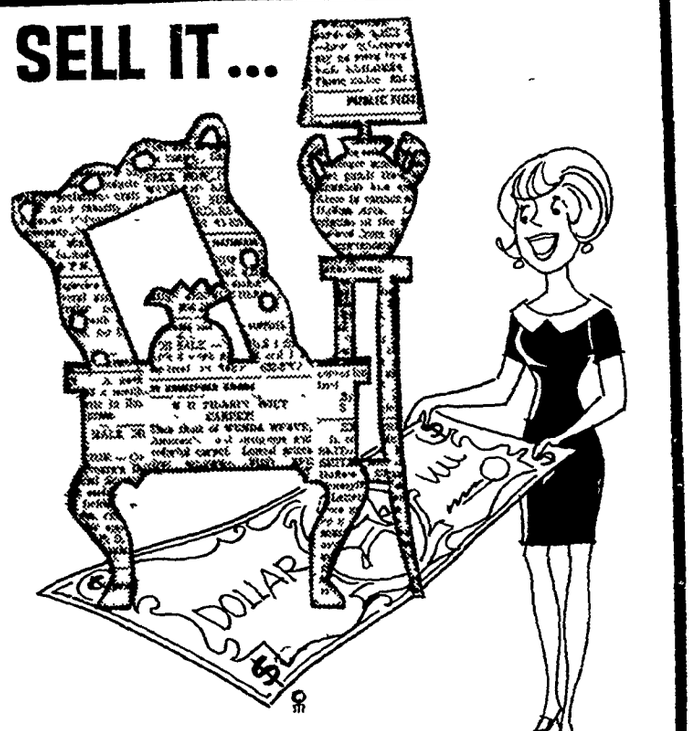

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PSU Researchers Probe Cholesterol

New knowledge about the way cholesterol gets its first foothold in the body—the root process of atherosclerosis—has been developed by scientists at The Pennsylvania State University.

It demonstrates that a modest accumulation of cholesterol and other fatty substances is normal—and necessary.

"Our studies provide further evidence," says Dr. Stuart Patton, Evan Pugh Research Professor of Agriculture, "that lipids (fats) are essential to the cell's structure and functioning."

Excessive buildup of such substances, however, can lead to pathologies such as atherosclerosis. Accumulating in the blood vessel walls as "plaque", fatty materials can constrict those vessels, impede blood circulation and bring on heart attacks and strokes.

Patton's research pinpoints the primary site, the place where the lipids first take hold.

"It is the outer membrane of the cell, the so-called plasma membrane Our evidence indicates that two fatty substances, cholesterol and sphingomyelin, show particular persistence in this layer

"They lodge there and they stay there, becoming, in fact, a relatively permanent part of the structure of that layer and defining some of its properties."

One rather famous plasma membrane—protecting the fibrous portion of a nerve cell—is a case in point.

It is called myelin and it forms what is known as the myelin sheath. in this case the membrane's special function—to protect the "main line" of the nerve, along which signals are conveyed—is carried out only because lipid has accumulated to the point where it makes up 80 percent of the material in the membrane.

Abnotmalities in "myelination" are associated with multiple sclerosis and other diseases of the nervous system.

Retention of sphingomyelin in plasma membrane has been observed in research on the liver cell at the Oak Ridge Laboratory.

The Patton group studied mammary cells, which make milk

Studies of other cells have shown that a high level of the two lipids occurs in plasma membrane at any given time; the Patton study shows that they are retained.

The phenomenon," says Dr. Patton, "is apparently widespread, not confined to a single cell system."

Patton, who is the principal author of a paper presenting the results in NATURE NEW BIOLOGY, used freshly drawn milk because it is a unique and continuing source of mammary cell plasma membrane. In the milk secretion process small amounts of the mebrane continuously pass from the lactating cell into the milk.

By labelling (making radioactive) the phosphorous components of certain lipids in a live, lactating goat the researchers were able to trace the behavior of those lipids in the outer membrance.

While other lipids tend to 'turn over' and are reduced in quantity, sphingomyelin and cholesterol show a distinct tendency to stay in the membrane: they are incorporated as part of its sructure."

Patton, a specialist on scientific study of milk, has previously shown that there is a positive correlation between the concentration of sphingomyelin and cholesterol in membranes.

"Indeed, the formation of plasma membrane with its elevated levels of these lipids appears to result from membrane aging within the cell.

"These substances, especially cholesterol, are always building up in artery walls of adult humans; why this buildup accelerates in some people remains to be determined."

Studies on live monkeys at the University of Oregon Medical School provided the observation that plasma membrane accumulation appears to be a precursor of atherosclerosis.

"Combining these clinical findings with what we have found from the study of cell membranes," says Patton, "leads us to postulate that plasma membrane formation, accumulation, and infiltration with additional cholesterol are early steps in the progression that leads to atherosclerosis."

Aside from throwing new light on the origin of the most widespread of vascular diseases, Dr. Patton's findings might prove to have additional signficance.

It is becoming increasingly evident to the biological community that membranes, far from being merely passive films or layers of material, play a most active part in the production and selective flow of materials, information etc. in and between cells.

"Any new facts about their nature and behavior could have a significant influence on attempts to conquer various pathological conditions in which whole cells participate."

Co-authors of the paper with Dr. Patton are Dr.'s R.D. McCarthy, P. E. Plantz, and R. F. Lee. The research was supported, in part, by the National Heart and Lung Institute, USPHS.

Plant Converts Coal into Oil

A new pilot plant for the conversion of coal to synthetic crude oil, hydrogen or high BTU gases, and char has successfully completed 15 months of operation, according to Dr. J. F. Jones of FMC Corporation's Chemical Research & Development Center, Princeton, N. J.

The plant has already processed more than 5,000 tons of coal and Dr. Jones indicated that most operating problems have been successfully solved.

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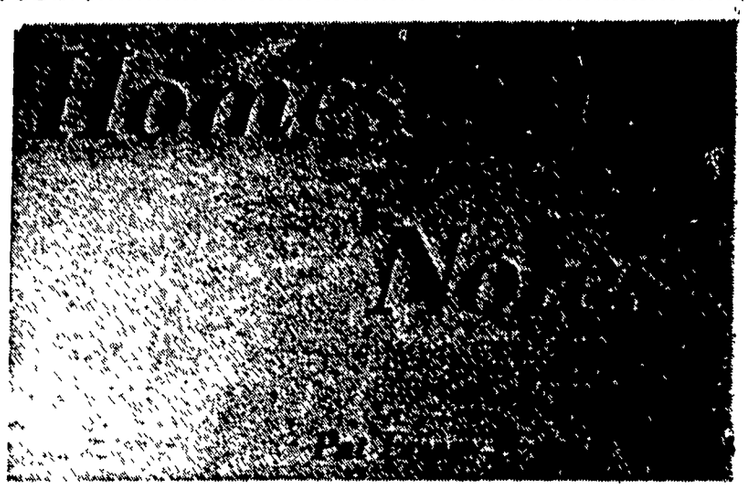


A Guide To Successful Bedding Plants

Now's the time to put into action all those gardening plans you made during the long dreary winter. Don't hesitate another minute because it's spring planting time!

For real satisfaction and learning experience you may be considering growing your own bedding plants from seed. If so, Dan Helwig, floriculture teacher at the Mount Joy Vocational Technical School, offers some suggestions to start you on your way.

The basic "tools" needed for your project will be some flats, some soil mix, and seeds. Plastic flats can be purchased, but wooden flats can be made easily and cheaply with materials you may already have.

Helwig suggests a soil mix of finely ground peat moss and vermiculite, mixed in equal proportions Such a mixture can be purchased commercially under the names "Jiffy-mix" and "Kys-mix "

The advantage of using such a mix instead of field soil is that it has been sterilized and there is no danger of disease, pesticides or herbicides which might inhibit germination

Better germination results from a mix because it is light and consistent, with a known ph-4.5

After putting your soil mixture in the flat, Helwig suggests that you add a small amount of spagnum moss on top. The spagnum will help avoid damping off which is a common problem in flats using regular soil. A wilted appearance is evidence of damping off. There are serveral chemicals available to combat this problem, but a sterilized soil mix is a good way to avoid it.

Next sprinkle your seed on the mix Helwig suggests broadcasting the seed evenly over the flat, although it is alright to plant the seed in rows if you prefer.

If the seed is larger, such as a zinnia, a fine coating of soil may need to be placed over it

The soil temperature should be maintained at 75 degrees. In the controlled greenhouse, this means placing the flats in an area with heating pipes under the flats and a mist arrangement over them which maintains constant moisture.For the homeowner, the flat could be placed near the furnace, to be kept warm until germination. Light is not critical at this point, and after germination the flat can be set where it will receive more light. The flat must be checked daily for moisture so the seeds do not get too dry.

After germination, the flats should be placed in subdued light and allowed to dry off, according to Helwig. The temperature should be reduced and no direct sunlight is necessary.

Fertilization should be done after germination and should be carried out lightly and with care. Begin by using half the recommended amount of your fertilizer. Increase amounts slowly.

When the plants reach about 1½ inch in height, they can be set outside at a protected cellar window with plastic over them or on an enclosed porch to help them gain strength. Helwig suggests bringing them in the first few nights until they become hardy enough to withstand cooler temperatures.

Next, thickly seeded flats should be re-planted into peat or clay pots. They should be potted individually, and Helwig cautions that you should break out the bottom of a peat pot before it is set into the soil. If your plants are not too thick, you may be able to keep them in the flat until they are set in the soil.

Helwig says it is purely a "matter of judgment" as to when the plants can be set out in the soil. He reminds us that the frost date here is May 15, so planting earlier can be a risk. It also depends up the individual vegetable or flower and its hardiness.

Helwig feels that in most cases it is far better to start plants in flats because when you simply spread seed, it must contend with birds, insects and diseases.

One of the problems with raising plants in flats is that sometimes they do not appear as hardy as "bought" plants. Helwig says a lot of this can be blamed on intensity of natural light, which is the one factor which cannot be controlled. Setting the flats outside before putting the plants in the soil will help make them hardier, he says.

Helwig says that the question of whether to germinate your own seeds or buy bedding plants from the greenhouse depends a lot upon the individual. Cost is not the only consideration, but whether "you have the time and the patience." He cautions that "it may not always work out for you. Another consideration is whether there is room in your home to set flats with the germinating seeds. He said, "If you have the time, you can have a lot of fun and learn a lot."

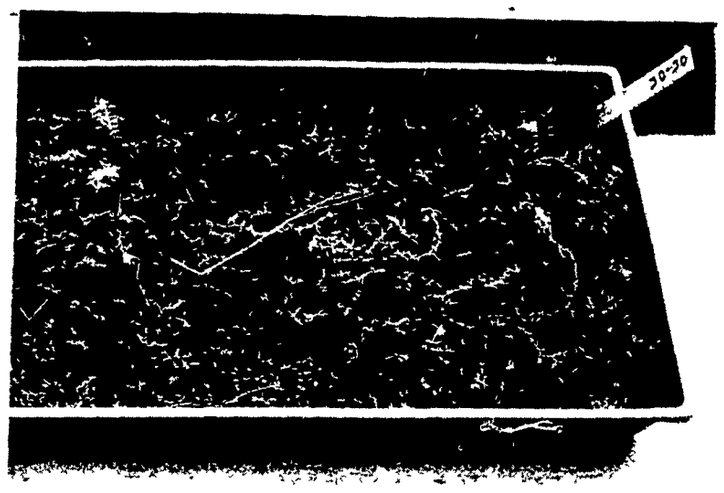
It's quite a challenge to grow your own plants from seed and the satisfaction of producing a vegetable or a lovely flower cannot be equalled.

But he said, Lancaster County produces an abundance of bedding plants, so you can go to any greenhouse and purchase your needs. The quantity of plants you desire will also have an effect upon your decision to grow or to buy. One advantage of buying plants is that they usually produce earlier, and are almost always hardy.

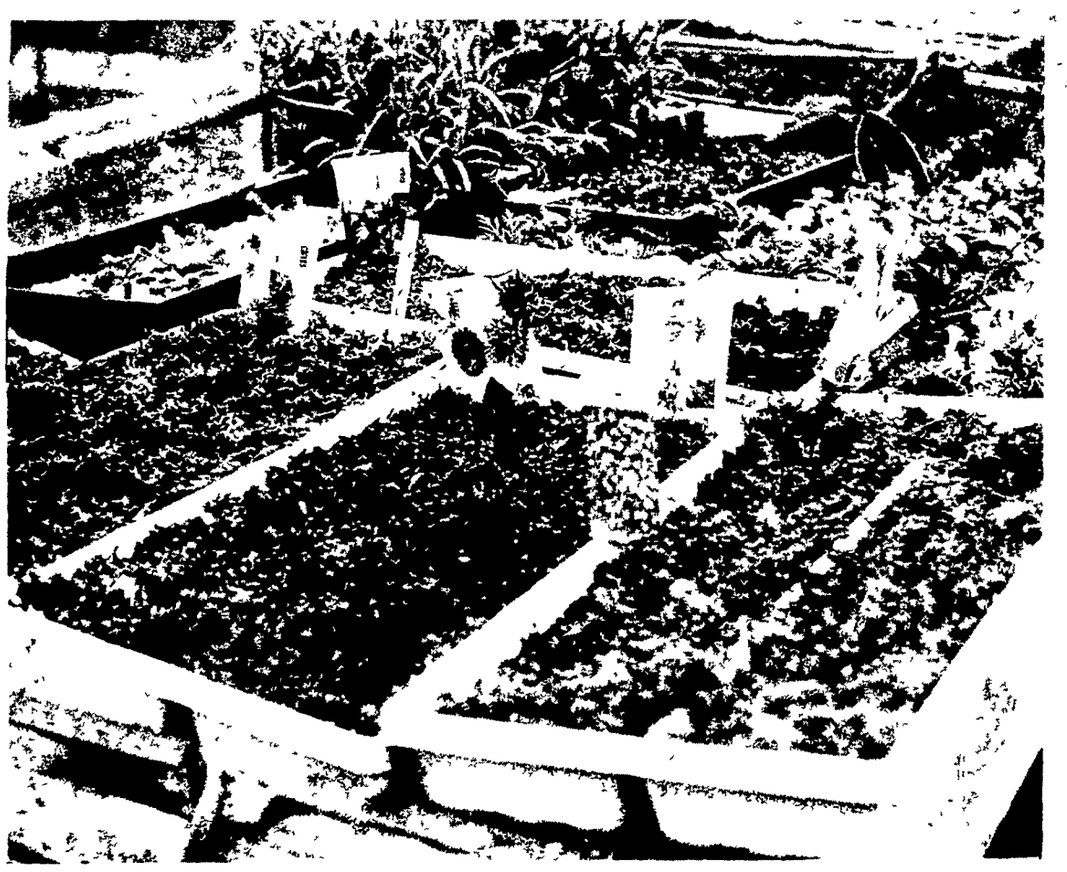
Seeds for your flats are readily available, and Helwig said, "We never had such a large selection." He said we all benefit from the tremendous breeding improvements which mean hardier, disease resistent plants.

So, if you've got the time and a little extra space for a few weeks, why not buy some seeds and let the whole family share a learning experience which can help ease your food budget and beautify your home.

If you need additional advice, or have a specific question your local Penn State Extension office can supply further information.



A completed flat, ready for the seed, is shown here. The soil mix is finely ground peat moss and vermiculite, and there is a fine cover of spagnum moss. The flat is plastic.



Seeded flats are shown in the greenhouse area where they will be misted automatically to keep the soil moist. There are heating pipes under the flats to maintain a constant soil temperature of 75 degrees. It's important to keep accurate records of your seeds, because when they first appear they often look like something quite different from the mature plant. Note the markers here.

Jim Stauffer, a student at Elizabethtown High School, is transplanting plants to individual pots.

These tomato plants have just been put in individual pots. Greenhouse tomatoes have a head start in early April.

Farm Women Societies

Society 7

Farm Women Society 7 entertained Society 22 at the Leacock Presbyterian Church recently. A covered dish luncheon was served.

Mrs. Mildred Hersh led the devotions and Mrs. Everett Denlinger presented slides on the "Paradise Centennial."

The next meeting of Society 7 will be April 14 at the home of Mrs. Alyce Weaver. There will be a food and plant sale.

Society 27

Farm Women Society 27 conducted its business meeting at the Mennonite Home, Harrisburg Pike, last week. Mrs. Robert Fellenbaum conducted devotions. Twenty-one members and five guests answered roll call.

The members voted to donate $100 to each of the following: Welsh Mountain Clinic, Southeast Area Clothing Bank, Youth for Christ, and a Manheim area family.

A tour of the Hickory Farm Store at Park City was the featured event after the business meeting.

The next meeting will be held at 10 a.m. April 24 at the Donegal Presbyterian Church when Society 27 will entertain Society 11.

Society 29

Farm Women Society 29 meeting theme recently was "Medical Center". The speaker, Dr. Clair Weaver, elaborated on the topic, "What's happening in medicine in this century."

The trend from family doctors to specialists is changing due to the concern of human values. As a result, three local doctors plan to facilitate the Northwest Lancaster County Medical Center, providing 24-hour coverage in family health and counseling. Services at the Medical Center will be available in July, pending completion of the building.

An advisory board has been set up in the area in order to establish community feedback. Dr. Weaver encouraged participation in the use of the medical center for all who may need the care of the health team.

Mrs. Stanley Newcomer read Genesis 3:22 as the thought for her devotions. She read a poem written by Jean S. Roberts entitled "Hands".

The business meeting was conducted with the reading of the minutes and reports from various committees.

Money for the May 21 Mother and Daughter Banquet, to be held at the Good 'n Plenty Restaurant, must be given to Mrs. Joseph Russell before that meeting.

Mrs. Richard Garber installed Mrs. Wayne Seaman, Marietta RD1, as the newest member of the Society.

A vote for the County Project was taken among the members. The Welsh Mountain Clinic was selected as the Society's choice for the project.

The County Convention will be held on the campus of the Lancaster Bible College. The date for the convention has been set for November 3.

Hostess for the evening was Mrs. Rheinhold Berg with Mrs. Robert Herr serving as co-hostess.

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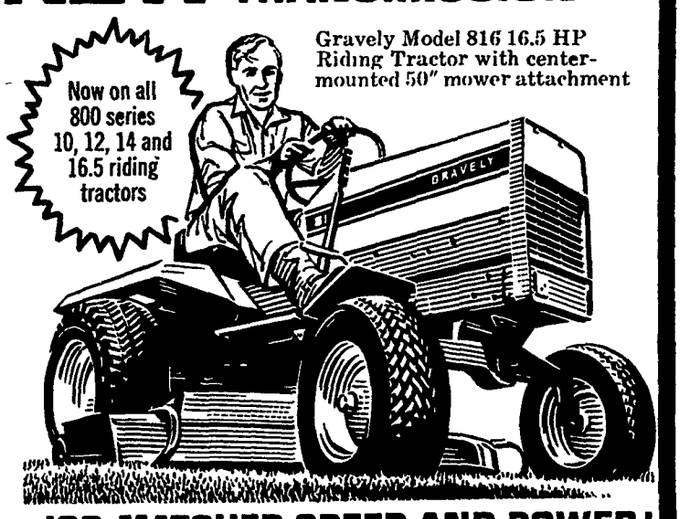

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Eat Now, Pay Later

It could happen that Americans without expense accounts or credit cards will be looking for ways to eat today and pay tomorrow. Food prices are rising faster than salaries, and budget-conscious homemakers are feeling the pinch.

Even if it's true that profit margins are small for all links in the food production-processing-distributing chain, it doesn't make the consumer feel any better at the check-out counter.

What can homemakers do to make the family food budget stretch further?

They can become smarter shoppers, penny pinchers and bargain buyers. Homemakers can use ingenuity in meal planning and food buying. They should shop *for* food stores with the same business-like approach they shop *in* stores. They can pack the freezer and the pantry by stocking up on store specials.

Even though Americans only spend 16 percent of their gross income for food, the family food budget also pays for incidentals and non-food items. The shopper should pay for these items separately in order to keep accurate cost records. To put pennies in perspective, smart homemakers will buy cheaper cuts of meat and make main dishes with cheese. They'll keep milk on the table and shop selectively for fruits, vegetables and wheat products, the other important members of the Basic 4 food group.

Americans are conditioned to pay a fair price for what they get. But they are shrewd shoppers and continually look for bargains. Luckily, in this country, where one million farmers supply the food needs for 208 million citizens, food is worth its price. However, it makes good dollar sense to pre-think all purchases. A compact car owner wouldn't own or like buying the gas for a big car. In the same manner, where pennies count, count on your shopping list to steer you safely past the impulse items in the food store.

Be as careful when shopping for food as you are when buying clothes or a new car. Remember the adding machine tape at the check-out counter usually includes 20 per cent or more of non-food items. Subtract them and be fair to food prices. If you don't, food buying and family eating will become a chore and a bore. And your family will become a prime candidate for the Eat Now, Pay Later Club.

Consumers Need to Know

by LEE LANDIS

By the end of 1974, any manufacturer who makes a nutritional type of claim for his product in advertising or labeling must be able to back it up with provable data on the label. According to the FDA, when the new program gets under way, labels will bear information never before seen by the average customer.

If the label mentions nutrition, it must carry data on size of serving, serving per container, caloric, protein, carbohydrate and fat content, and the percentage of U.S. recommended daily allowances of protein, vitamins A and C, thiamin, riboflavin, niacin, calcium and iron. The amount of sodium and cholesterol may be stated if desired, and the quantity of fatty acids that are saturated, poly-unsaturated or other.

No doubt consumers will have to have a better than average knowledge of nutrition to make informed judgments about the value of competing foods. However, the new program should eliminate any vague or wild claims about the curative properties of certain foods.

It must not be suggested that the presence of, or absence of, certain properties is effective in the prevention or cure of any disease. In all cases any nutrient claims must be backed up with data from chemical analyses. The FDA estimates that it will take $2,500 to $3,000 to get the necessary data to back nutrient label claims on just one product.

A manufacturer who does not wish to, or cannot afford to, use nutrition labeling need not do so as long as he does not refer to any nutritional properties for his products in advertising or labeling. Thus the program is voluntary, but it is believed that 75 to 90 per cent of all food products will be affected because of competition among brands and type of food products. The consumer, of course, will pay the increased cost of the labeling.

Would it surprise you to learn that there are now over 75 different government agencies that look after citizen rights? That's how many are listed in the U.S. Government's "Guide To Federal Consumer Services." So, it would seem that what we need is more education, not more legislation to solve consumer problems.

In fact, Max Dernerf, executive vice president and general counsel of the American Industrial Bankers Association, says, "Every time a new law is passed, somebody, somewhere loses something. Every time the government assumes control over anything or anyone, it costs somebody something. It ought to be obvious to all, that in the end, the loser and the payer is the consumer."

It would be a shame if government regulatory agencies and standard-setting officials were to make all our shopping decisions. Manufacturing innovations would certainly end, and so would our wide choice of goods.

Just consider that a great many things consumer families now save for and buy were either not available 20 years ago or were beyond the reach of most budgets. For example, according to the Biddle Survey, recent records of spending (in annual rates) show that since 1970 the public spent 19 per cent more on housing, 20 per cent more on clothing and shoes, 22.8 per cent more on furniture and household equipment, and 47 per cent more on automobiles and parts.

That's a pretty good measure of high employment and consumer affluence. In spite of imperfections, our system of free choice in the marketplace is still the best way to protect the real interests of the consumer.

The cost of running Congress has doubled. In 1968, appropriations for the legislative branch totaled $277.5 million and for 1972 the figure was $557 million.

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Home On The Range

Ladies, here is a request from a reader. She asks that you include frosting recipes along with the cake recipes when you send them to the recipe exchange. She says she often wonders what kind of frosting to use.

Our old stand-by is much like the filling used for whoopie pies, and goes well on just about any type cake. The secret is using a lot of butter or vegetable shortening, putting the ingredients in the mixer bowl, and 'beating the tar' out of it.The beating whips the frosting into an airy delight.

We are interested in any recipes you might have to share with us. We'll send you a colorful potholder as a thank-you for your efforts. Send your recipe, or recipes, to: Recipes, Lancaster Farming, Box 266, Lititz, Pa. 17543.

Here is a recipe for frosting, which goes well on any loaf or layer cake

Butter Frosting

1 pound 10X sugar
½ cup butter or vegetable shortening (soft)
Dash salt
1 teaspoon flavoring+
3 to 4 tablespoons milk

Put all ingredients in mixer bowl. Beat on low speed until ingredients are moistened, then beat at high speed for three minutes. (The beating whips the mixture into whipped-cream-like-frosting.) Stir occasionally. If more liquid is needed, add only ½ teaspoon at a time until mixture reaches desired consistency.

+For vanilla or lemon flavoring, use 1 teaspoon. For almond, peppermint, walnut, or other flavorings, use only a few drops until mixture is to your taste. For variations, add a few drops of any coloring (pale green with mint. for instance, yellow with lemon, pink with almond, etc.)

Any cake can be dressed up with cherries or pineapple , either on top or mixed in, after being well drained.

Coconut or chopped nuts are another topping possibility.

Be creative!

xxx

Coconut Cream Eggs

1 stick margarine
2 pounds powdered sugar
1 large package coconut
1 teaspoon vanilla
1 can condensed milk
1 12-ounce package chocolate pieces
1 bar paraffin

Directions: Mix sugar and margarine. Add coconut, vanilla and milk. Roll into balls or egg shape.

Put toothpicks in each and freeze. Melt chocolate and paraffin. Dip balls in chocolate and paraffin mixture. Set on waxed paper to dry. Yield: 100 balls or eggs.

Mrs. Adin Leinbach
Route 1
Narvon

Chocolate Cake

6 tablespoons cocoa (well filled)
3 cups flour
2 cups sugar
1 teaspoon salt
2 teaspoons baking soda

Sift together above ingredients.

1 cup vegetable oil
2 tablespoons vinegar
1 teaspoon vanilla
2 cups cold water

Pour oil over sifted ingredients. Add vinegar. Then add vanilla to cold water and add all at once. Beat two minutes, until smooth. (It makes a very thin batter.)

Bake at 325 to 350 degrees about 40 to 45 minutes.

Mrs. E. H. Stauffer
R. D. 2
East Earl

xxx

Tropical Pudding

3 eggs
¾ cup sugar
3 tablespoons flour
Juice of 1 can pineapple
½ cup water

Cook in double boiler till thick

Cubed pineapple
2 or 3 bananas or oranges
12 marshmallows, cut in pieces

Mix together when first mixture is cold. If it is too thick and don't have enough juice, add more water.

Miss Ella Mae Martin
R.D.1
New Holland

Rhubarb Pie

1 cup sifted flour
1 teaspoon baking powder
½ teaspoon salt
2 tablespoons butter
1 egg beaten
2 tablespoons milk
3 cups diced raw rhubarb
1 (3 oz.) package strawberry flavored gelatin
½ cup unsifted flour
1 cup sugar
½ teaspoon cinnamon
¼ cup melted butter

Sift together one cup flour, baking powder and salt. Cut in butter. Add egg and milk; mix.

Press into a greased nine-inch pie plate. Arrange rhubarb in pie shell. Sprinkle with gelatin. Combine remaining ingredients, sprinkle on top of pie. Bake at 350 degrees for 50 minutes or until rhubarb is tender.

Lizzie N. Leid
R.D.1
East Earl

xxx

Mocha Frosting

½ cup vegetable shortening
2 teaspoons coffee
¼ teaspoon salt
1 teaspoon vanilla
1 egg
1-3 cup milk
½ cup cocoa
4 cups 10x sugar

Add everything together, then mix it well.

Mrs. Melvin Martin
Rt. 1
New Holland

xxx

Pot Roast Beef Heart

Get a fresh beef heart. Brown a bit all over and add water till it is well covered and salt and pepper to taste. When it boils turn to

(Continued On Page 42)

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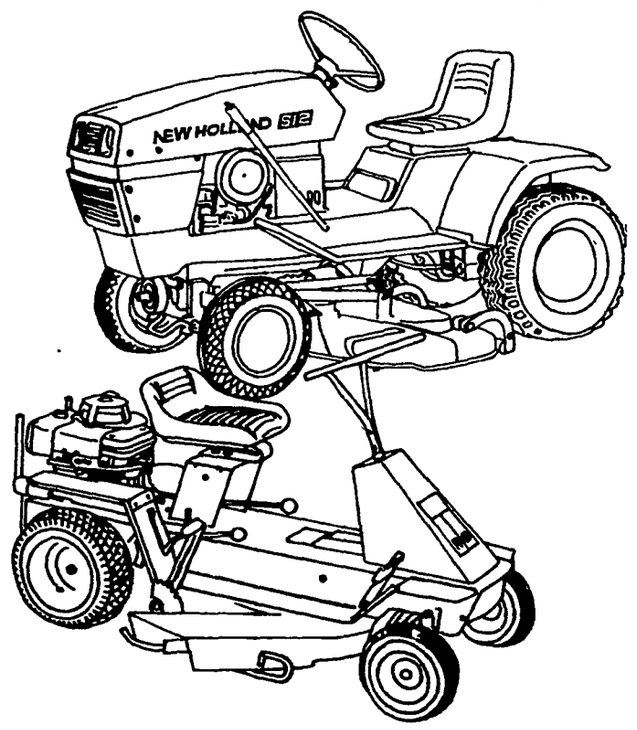

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VEGETABLES CAN BE FUN!

It's so easy to "dress up" vegetables, it is a wonder it isn't done more often. Vegetables are so colorful, it's fun to "mix-and-match" their colors Everyone knows about the proverbial Lima beans and corn, but few people serve yellow wax beans tossed with green beans or hot sliced beets on mounds of green spinach.. or a mixture of julienne carrots with French green beans. or green peas with corn Try mixing vegetables and enjoy the color combinations.

It is also easy to give a tasty "ZIP" to vegetables a squeeze of lemon on carrots; a spoonful of mayonnaise on spinach; a sprinkle of parsley flakes on corn, or a little diced apple added to red cabbage Your family will think they are eating a "new" vegetable

For an unusually hearty way to serve 5-minute cook frozen vegetables, cream them and serve them in a corn bread ring Great for a grilled ham supper or even for hamburger nights It makes a complete entree with the meat, as the corn bread takes the place of the starchy vegetable And it's colorful, tasty, and eye-catching Easy, too! Add grilled pineapple and fluffy mustard sauce to the ham, or grilled peach halves and relish to the hamburgers if time permits

Mixed Vegetables in Corn Bread Ring

1 package (11 to 14 oz) corn muffin mix
1 package (10 oz) 5-minute cook frozen mixed vegetables
¼ cup butter
3 tablespoons all-purpose flour
1 teaspoon salt
Dash of pepper
2½ cups milk
1 teaspoon minced onion
1 egg yolk slightly beaten
1 tablespoon pimiento strips (optional)

Prepare corn muffin batter as directed on package Bake in an 8-inch ring mold Meanwhile, cook mixed vegetables as directed on package Drain Melt butter in saucepan Blend in flour, salt, and pepper Gradually stir in milk, add onion Cook and stir over low heat until sauce is thickened Add a small amount of sauce to egg yolk, stirring vigorously Return to saucepan Cook 2 or 3 minutes longer stirring constantly Add mixed vegetables and pimiento place corn bread ring on warmed serving platter Pour vegetable sauce in center and around outer edge of ring Yield 6 servings

The Range

(Continued From Page 41)

simmer and cook for several hours till soft. Take out and make gravy with the broth.

Very good when left over to have with heart sandwiches or hot roast beef heart sandwich with gravy over the bread.

Mrs. Ira Davis
R.D.2
Quarryville

xxx

Rhubarb Custard

2 cups rhubarb
1 ½ cups sugar
2 tablespoons flour
2 tablespoons butter
2 eggs

Put rhubarb, sugar and butter together and bring it to boiling. Then put egg yolks (or whole eggs) mixed with flour in and boil again.

Egg white can be used for meringue.

Emma Shirk
R.D.2
East Earl

xxx

Baked Pineapple Casserole

Cream together:
1 cup white sugar
½ cup butter
4 eggs
1 20-oz. can crushed pineapple (do not drain)
5 slices of bread (break into pieces)

Mix together and put into uncovered casserole, Bake at 350 degrees for one hour.

Delicious, unusual dish.

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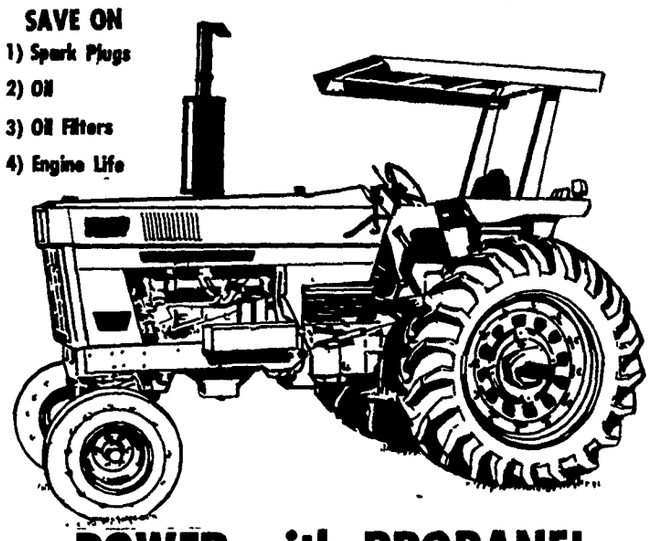

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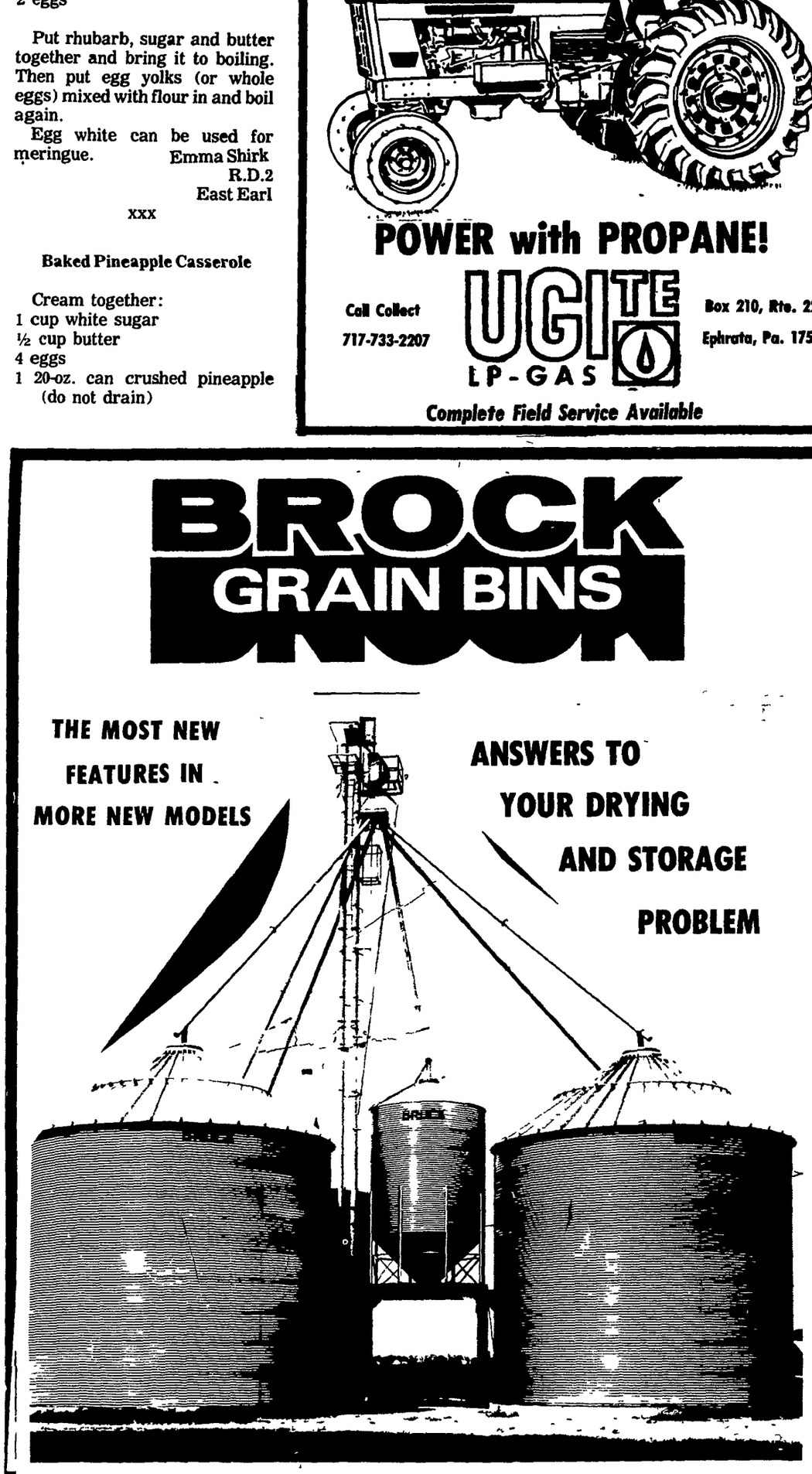

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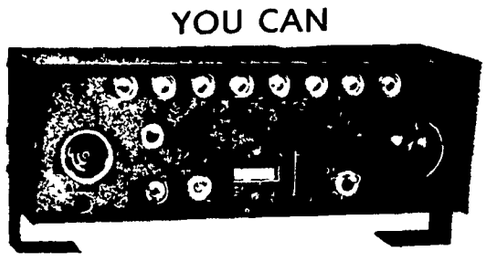

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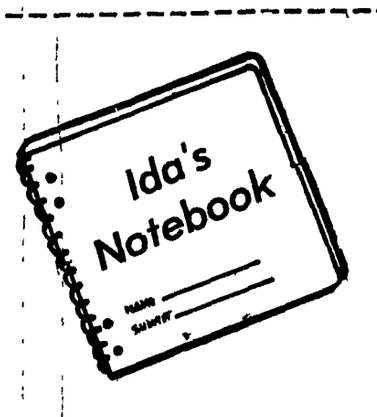


Ida Risser

Spring by itself should be enough incentive to clean up and brush up. However, we sometimes need that extra push to cut up the tree which the last wind storm blew down or even just to pick up the glass from the broken barn window.

The past few days we've been motivated by the knowledge that the kindergarteners were coming.

They came, all of them, on one big bus. After streaming off the bus, they kicked up their heels like lambs in the sunshine. First, they petted a biscuit-colored calf which we tied to a gate. Later we learned that some of them thought it was a sheep.

Then they watched the cows being milked in the parlor and saw the milk flow into the big tank. They peered in and said disapprovingly "cream".

They were sidetracked by the dogs, cats and puppies but finally got to the silos and Allen explained how silage is made and fed.

When they got here a few held their noses but when it was time to leave we were flattered to have some ask if they could stay with us. That was thanks enough.

xxx

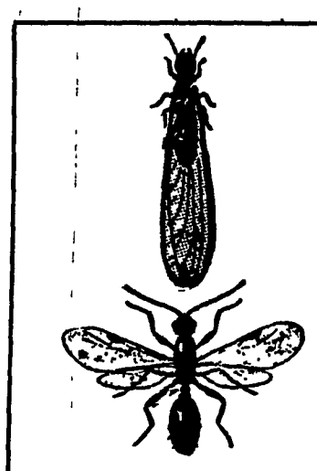
The rhubarb is over half a foot high, the strawberries are pushing new leaves, and the six pounds of peas are planted.

Our 4-H Community Club has been organized after we distributed 550 flyers to several elementary schools.

Judy and I have painted the shutters on our house and are working on the porch now.

Many fields are plowed as Jeff was home from college for a few days and helped. It took a bit of extra cooking, though.

So, we keep busy and even find time to go to a few farm sales.



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by Laurence M. Hursh, M.D.
Consultant, National Dairy Council

FOOD LABELING

The Food and Drug Administration's "program to make food labeling more effective" is "just a beginning," according to FDA Commissioner Dr. Charles C. Edwards. Announced earlier this year in the Federal Register and covered widely in the press the new regulations have been described as "sweeping changes in food labeling practices to give consumers a better idea of the nutritional value of about half of what they eat."

Because the regulations are intricate and far-reaching, let's discuss some of them in simple language.

Labeling Is Voluntary

Nutritional labeling is voluntary for most foods. But it's predicted that competition in the market place probably will actually force some of the labeling. If, however, a product is fortified by the addition of a nutrient (enriched bread, fortified milk, etc.) or if a nutritional claim is made in the label, then full nutritional labeling must be carried out. And once a food purveyor is committed to labeling, the rules are specific and arbitrary.

To help you understand the information, and particularly so you can compare products, nutritional labeling provides for the following wordings and headings to be used by all: 1) Serving size; 2) Servings per container; 3) Caloric content; 4) Protein content; 5) Carbohydrate content; 6) Fat content; and 7) Percentage of U.S. Recommended Daily Allowances for protein, and seven vitamins and minerals. The latter are: vitamins A and C; the B-complex vitamins - riboflavin, niacin and thiamin; and the minerals - iron and calcium.

Note the phrase "U.S. Recommended Daily Allowances" (U.S. RDA). These are in agreement with the Food and Nutrition Board's Recommended Daily Dietary Allowances and replace FDA's former Minimum Daily Requirements (MDR) which you've read for so long on vitamin bottles, etc.

Now You Can Compare

The whole point is, you will now be able to see and compare percentages of the Recommended Daily Allowances that a food provides. And if you add up the percentages of all you plan for tomorrow's meals you'll have an idea of how close you will come to providing adequately for your family. It isn't all that simple. But you are going to have a lot more information than before, if you choose to use it.

One more thing: I don't want to get into a lot of detail, but the new regulations do for the first time in FDA history, permit labeling of cholesterol and fat content. This is being permitted to assist people who are following physician-recommended fat-modified diets. Fatty acids will be listed in grams as polyunsaturated fatty acids, saturated fatty acids, and other fatty acids. Cholesterol content will be stated in the number of milligrams per serving and in milligrams per 100 grams of food. FDA was very careful to point out, in taking this action, that "FDA is not taking a position on the scientific debate surrounding the role of fat consumption in heart disease."

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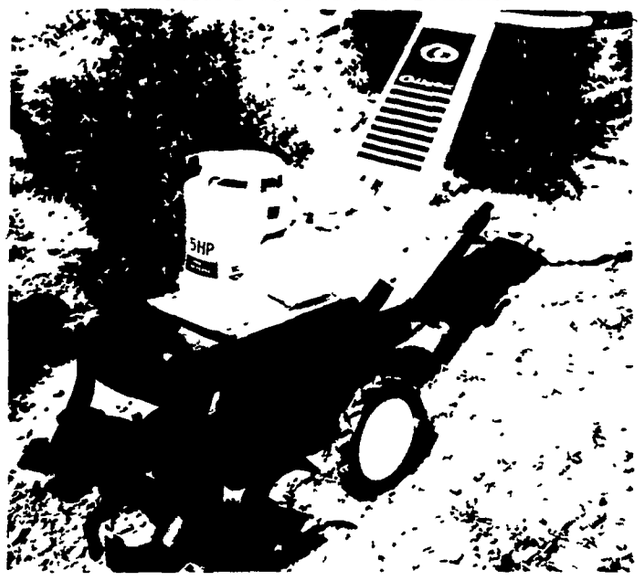

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Progress In Mechanically Deboned Poultry Products

By
Dr. Joseph MacNeil
Professor of Food Science
Penn State

(Editor's Note: Dr. MacNeil presented a roundup of research and progress in the mechanical deboning of poultry meat at a recent Mid-Atlantic turkey conference sponsored by the Northeastern Poultry Producers Council. The following is a summary of his remarks.)

Mechanically deboned poultry meat is a relatively new product The industry has had deboned meat for quite some time now, but this mainly consisted of removing muscles from carcasses and using it in that form. Mechanically deboned poultry meat, or MDPM, is meat that has been removed from broiler necks or backs, turkey racks or spent laying hens The removal of this meat from these raw materials is done by mechanical means, hence the term, mechanically deboned poultry meat. At the present time there are several machines on the market that are capable of performing this task but the capacities of these machines lend themselves to use only in larger processing plants. The capacities of some of these machines run approximately 2,000 pounds of raw product per hour with yields being reported on some of them up to 70 per cent

It is obvious of course that by recovering this meat the industry has in essence upgraded the economic value of broiler necks and backs, turkey frames and spent layers Instead of this material going primarily into animal food manufacture if material can now be used in many food products such as frankfurters, bologne, turkey rolls, chicken rolls, spreads of various types or any product that could use raw meat in this particular form

Several years ago when these machines were first introduced, the quality of the output made many users of this product pretty discouraged because of inherent flavor problems The process itself consists of reducing the particle size of the meat product, and then exerting very high pressures on the material which sets up a condition favorable for oxidative flavor changes as well as making nutrients more readily available to microorganisms.

Several years ago we at Penn State became ry interested in the problems of this product since we had two Pennsylvania based plants producing the material. At that point the product was very poorly characterized and the processing guidelines were really not very well established and consequently, several problems developed which later on were solved.

The proximate analysis of material evaluated at Penn State had percent protein ranging from 9 3 up to 14.2 per cent and fat ranging all the way from 12.7 per cent up to 27. 2 per cent.

If you compare this with ground turkey, you would find that ground turkey has 24 per cent protein and 10 per cent fat and 66 per cent water; whole fresh egg has 12.9 per cent protein, 11.5 per cent fat and 73 per cent water. When cooked this material looks very much like ground beef and when you compare this to the proximate analysis of ground beef you find that ground beef has 18 per cent protein, 21 per cent fat and 60 per cent moisture. So in examining these figures we can see that we have an excellent food source which compares favorably with many food products presently on the market. When amino acid patterns were examined it was found that the amino acid pattern of MDPM compare favorably with eggs, beef and milk.

Some of the studies conducted at Penn State included the use of sensory taste panel evaluations in order to determine the optimum storage and handling conditions for this product. It was established very quickly that this material should not be stored in a refrigerated state for any period of time but rather should be frozen immediately to prevent any of the undesirable changes that we had mentioned earlier. In our studies on microorganism levels we found that care must be taken to see that initial levels are very low and we also found that there is some reduction in numbers during frozen storage of MDPM.

After the initial experiments were conducted on identifying problems with this material and establishing the exact characteristics of the various types available, several additional experiments were conducted involving the use of what we term quality maintenance compounds which proved to be effective in maintaining initial high quality. Compounds used in this particular test were a rosemary spice extractive (RSE) BHA citric acid and polyphosphate. These were all found to be effective in maintaining lower TBA values, high taste panel flavor responses and a reduction of bacterial numbers.

We are conducting additional experiments to see if further improvements can be made with this material so that it can reach its potential as a very important raw food ingredient material.

Baum Elected President Of E-town 4-H Club

The Elizabethtown Area Pig and Rabbit 4-H Club held its reorganizational meeting last Thursday at the Union Schoolhouse, Maytown Road

The meeting was brought to order by Club Leader J Warren Heisey After the opening procedures members filled out enrollment cards.

The following is the result of the election of officers: Dan Baum, president, Wesley Gerber, vice-president, Scott Heisey, secretary-treasurer, Barbara Myer, news reporter; Michelle Grove, song leader, and Stephen Horton, game leader

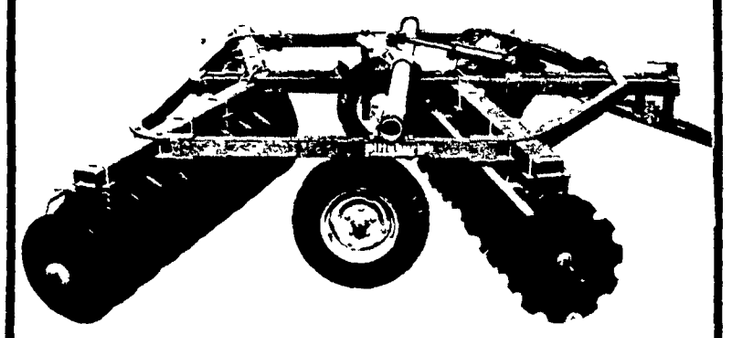
Barbara Myer was elected to represent the Club on County Council Dan Baum, Scott Heisey, Wes Gerber and Barb Myer volunteered to serve as teen leaders for the upcoming year

Mr. Heisey discussed the project requirements and some future activities with the members.

The next meeting will be held April 26 at the Union Schoolhouse. Prospective members between the ages of eight and 19 are urged to attend this meeting

News Reporter,
Barb Myer

WHEEL DISC



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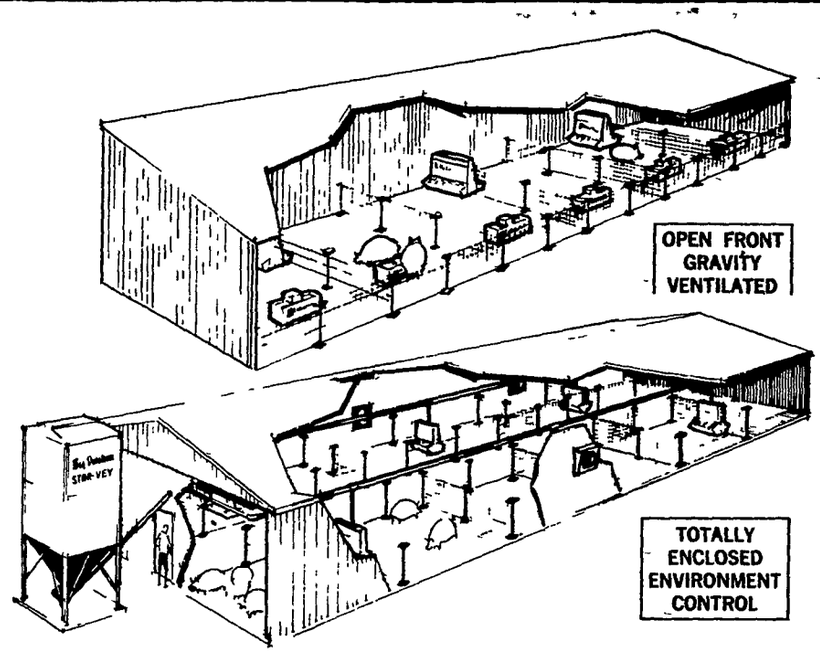

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From Local Ag Teachers:

Thoughts in Passing

In Defense

Throughout the past week I attended several meetings and luncheons with professions other than agriculture. A common conversation topic on which everyone seemed to have an opinion was the exhorbitant cost of meats and other food products.

Unfortunately, much of the discussion was not in defense of the farmer but rather in accusation of the farmer as the villian enjoying prosperity at the expense of the consumer.

Glenn S. Weber

One cannot deny that food prices have been on the increase. For example, a "market basket" of food produced on U.S. farms—enough to supply the average urban household for a year—now costs $1,375. That is $102 more than the figures for a year earlier. Of this $102 increase, farmers are getting $85 while the remaining $17 is going to the middlemen who process, distribute and sell the food.

However, in the 10-year period from 1961 through 1971 the cost of a "market basket" of food increased by only $252. Of this increase $94 went to the farmer while $158 went to the middlemen. So it appears that the farmer is getting his share of the latest food price increase.

The cost of fresh meat is a leading cause for the recent increase in the cost of the "market basket". Some cuts of beef and pork are selling for 20 to 50 cents more per pound at meat counters than a year ago. According to the U.S. Department of Agriculture, overall food prices rose by 4.3 per cent in 1972 and are estimated to be increasing by 6.5 to 7 per cent in the first few months of 1973.

What we must realize, however, is that even with the big run-up in food prices, the farmer still gets only one-third of each dollar American families spend on food. This share came to 33.4 cents in 1972. Consequently only a portion of the high retail price for food is passed on to the farmer.

Yet, while food prices increased by 4.3 per cent last year, the farmer's costs rose more than 7 per cent. The farmer who has to buy soybean meal to feed his livestock finds that its sky-high costs demands higher prices for his products—not to mention the price of feeder cattle. The farm operator with a small marginal spread does not have the volume of sales needed to offset these high production costs which somehow manage to increase faster than the prices the farmer receives for his products. The fact was difficult for my non-agricultural friends to comprehend.

In one isolated case, it took a boycotting lady from the city of Atlanta just six hours of routine hard work on a hog farm in Iowa to realize that the farmer deserves the right to make a profit, as does any business.

So for the farmer, the rising tab at the supermarket check-out counter is not a rare bonanza of super profits. For too many years, farmers were last in line when profits from food sales were divided up. Now the rising costs of production necessitates the farmer getting a larger share of the food industries' profits.

May the consumer be comforted by the fact that in the U.S., she spends 17.6 per cent of her consumer dollar for food as compared to Europe where she would spend 40 to 54 per cent of her consumer dollar for food.

Glenn S. Weber
Agriculture Teacher
Manheim Central High School

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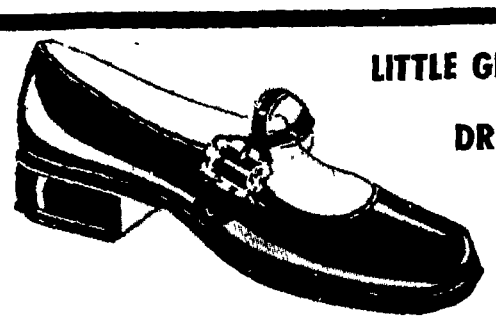

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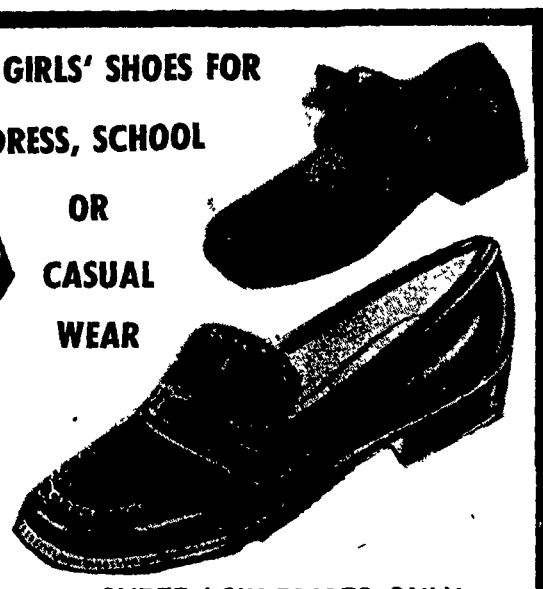


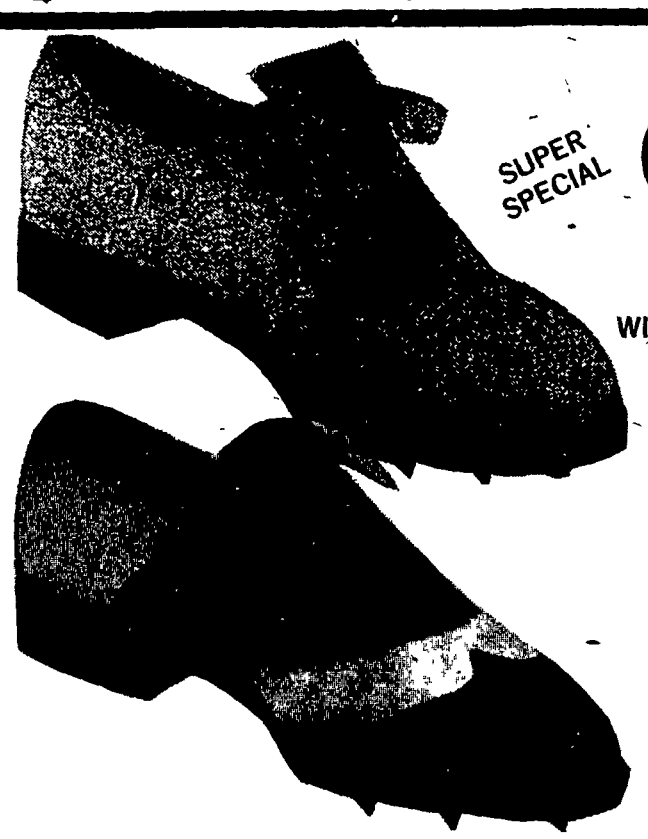
STRAPS, LOAFERS, OR OXFORDS

Combination Colors - White with Black, Brown with Tan, Bone with Grey & Tile Red, Bone with Brown & Tan.

Solid Colors - White, Black, Red or Brown. Sizes - 8½ to 3.

SUPER LOW PRICES ONLY

$1.98 $2.98
$3.98 TO $6.98
A PAIR



MEN'S

SUPER SPECIAL

GOLF SHOES

WITH REPLACEABLE CLEATS

Colors: - All-Over White, White With Brown, or White with Black.

Long Wearing - Rubber Soles; Sizes: - 6½ to 12.

SUPER SPECIAL
LOW PRICE ONLY

$7.98
A PAIR

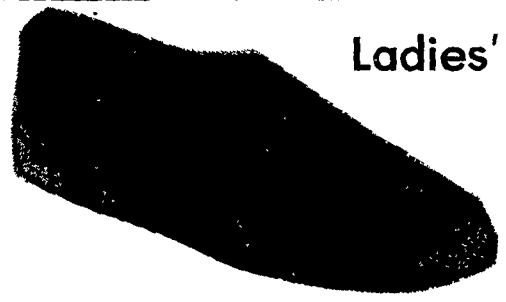
LITTLE GIRLS' FINE QUALITY,

CANVAS DECK OXFORDS

Solid Colors - Gold, Navy, or White. Prints - Mushroom, Anchor or Boat. Thick, Full Length, Sponge Rubber, Cushion Insoles, Cushion Arch. Top Grade, Cotton Duck, Uppers; Amber Colored, Zig-Zag Tread, Slip Resistant, Soles.

Childs' Sizes - 5 to 12 - Misses' Sizes: - 12½ to 3. Made in U.S.A.

SUPER LOW PRICES ONLY **$1.98 & $2.49** A PAIR



Ladies' & Teen's Fine Quality,

CANVAS, DECK OXFORDS

Thick, Full Length, Sponge Rubber, Cushion Insoles; Cushion Arch, Slip-Resistant, Zig-Zag Tread, Outsoles, Fine Quality, Canvas, Uppers, Colors: White or Navy.

SUPER LOW PRICE ONLY **$1.98** A PAIR

LADIES' & TEENS', CHILDS' & MISSES'

3-STRIPE SNEAKERS

SPECIAL PURCHASE

Ladies' Sizes - 5 to 10 in White with Red & Blue Stripes, White with Blue Stripes or Navy with White Stripes.

Misses' Sizes - 12½ to 3 in White with Red and Blue Stripes, Navy with Blue Stripes.

Childs' Sizes - 8½ to 12 in Red with White Stripes, Navy with White Stripes. or White with Blue & Red Stripes.

Full Length, Foam Rubber Cushion Insoles, Fine Quality, Canvas, Uppers, Deck Style, Molded Soles - A Regular $2.49 Value.

SPECIAL PURCHASE PRICE ONLY **99c** A PAIR

LADIES' & TEENS'

MEDIUM & LOW HEEL SANDALS & THONGS

Solid Colors - White, Red, Navy, Brown, or Bone. Combination Colors - Red with Blue, White with Black, or Bone with Tan & Brown.

Sizes - 5 to 10.

SUPER LOW PRICE ONLY

$1.97 A PAIR

LITTLE BOY'S

DRESS SHOES

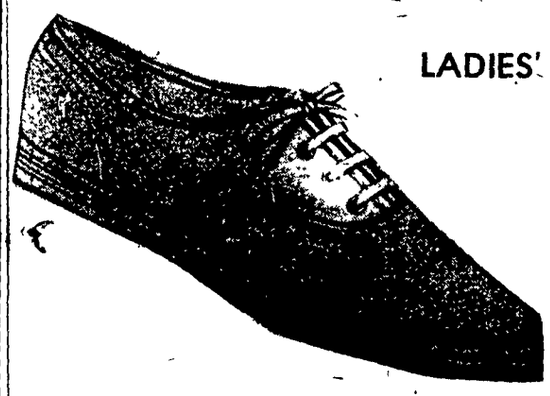
Combination Colors - Brown with Tan, Cream with Navy, Black with White, Brown with White, Brown Suede with Brown Patent, Black Patent with Grey & Black Suede.

Solid Colors - White, Black or Brown. Sizes - 8½ to 3.

SUPER LOW PRICES ONLY

$3.98 $3.69 $3.98 TO $6.98

A PAIR



LADIES'

DeLUXE QUALITY

SNEAKERS

Thick, Full Length, Sponge Rubber, Cushion Insoles; Long Wearing, Army Duck, Uppers; Sturdy, P.V.C. Outsoles; Colors: - White or Navy.

SUPER LOW PRICE ONLY **$2.49** A PAIR

MEN'S & BOY'S

DeLUXE QUALITY

BASKETBALL SNEAKERS

SUPER SPECIAL

Your Choice of "Gold Seal" By Goodyear Rubber Co. or "Zings".

Solid Colors - Black, White, Green, or Navy.

Combination Colors - Red with White Stripes, Navy with White Stripes, Green with White Stripes, Gold with White Stripes, White with Black Stripes, Black with White Stripes.

Sizes - Men's 6½ to 12 - Big Boys' 2½ to 6 - Small Boys' 11 to 2. Made in U.S.A.

SUPER SPECIAL LOW PRICE ONLY **$3.49** A PAIR

SUPER SPECIAL

FIRST QUALITY

ONE SIZE;

PANTY HOSE

100 Super Stretch Nylon, Made from Miracle Multi Filament Yarn; One Size Fits From 5 Foot, 8 Inches Tall In These Fashion-Right Shades: - Beige, Coffee, Cinnamon, Mink, or Taupe.

Made To Sell for 98c A Pair

SUPER SPECIAL LOW PRICE ONLY **29c** A PAIR

LADIES' BRAND NEW

FASHION SHOES

FOR SPRING & SUMMER

"Micheal Finelli", Tiffany", "Balenciaga", or "Smart Styles". Solid Colors - White, Navy, Red, Tan, Bone, or Black

Combination Colors - White with Pink, Green, Yellow & Torquoise - Bone with Tan & Brown - Navy with White - Malt Tan with White, Narrow, Medium & Wide widths.

SUPER LOW PRICES ONLY

$6.98 $8.98 & $9.98 A PAIR

RED, NAVY, GOLD OR BLACK

MEN'S & BOYS'

BASKETBALL SNEAKERS

SUPER SPECIAL

Fine Quality, Suction Type, Basketball Outsoles, Full Lenght, Foam Rubber, Cushion Insoles, Cushion Arch, Sturdy, 2-Ply Cotton Duck, uppers;

Sizes - Men's 6½ to 12 - Big Boys' 2½ to 6 - Small Boys' 11 to 2, Made in U.S.A.

SUPER SPECIAL LOW PRICE ONLY **$1.66** A PAIR

MEN'S

WORK SHOES

Oil Resistant, Lug Soles; Sizes - 7 to 12 - Made in U.S.A. Full Length, Cushion Insoles.

SUPER SPECIAL

6 INCH HEIGHT **$6.49** A PAIR

8 INCH HEIGHT **$6.98** A PAIR

Paes Calls for Conservation Of Lancaster Co. Farmland

Paul Paes, Lititz businessman and the county's newest commissioner, said that he wants conservation of Lancaster County farmland to be a top priority item in the county this year.

"I hope that any land not suitable for productive farming will be retained for recreation and open space," he said.

"We are blessed with the most productive unirrigated farmland in the world," he went on. "If we lose all our good land for buildings, we'll have destroyed the good things we take for granted"

Paes also said he foresees the county taking over many of the poverty programs which the Federal government originally funded.

It was announced last week that five of the major programs, being phased out of the federally financed Office of Economic Opportunity, will be taken over by the combined efforts of state and local governments and private agencies

This is one reason the federal revenue sharing money is coming in, Paes said in a personal interview at his business on South Broad Street He said the county will be able to give the same quality of service, but cut costs on the administrative end. It will be easier to work with this way, he said, and we'll get more results from our tax dollars

Congressman Eshleman's office reported that this takeover plan may be the first of its kind in the nation, with the county coming up with a specific plan whereby state and local sponsorship and financing will replace federal funding.

The programs being taken over by state and local governments are the Solanco and Welsh Mountain area medical clinics, the Senior Citizens self-sufficiency program, the manpower program, the rural Outreach program, and administration of Head Start

They are five of the most prominent activities of CAP (Community Action Program)

Paes who was appointed two weeks ago to serve the unexpired term of the late chairman of the county commissioners, Abram D Dombach, who died March 13 is serving the dual role of commissioner and county

County Commissioner Paul Paes

chairman of the Republican Party

Since he took office, he has been under fire from the Democratic commissioner, Jean Mowery, who claims there is a conflict of interest in his dual role as county Republican chairman and commissioner.

However, Paes has denied any conflict of interest, stating that he intends to "do what's best for the county first" and that this "ends up being best for the Republican Party."

Paes said that of the 67 parties in Pennsylvania, both Democratic and Republican, almost half of them are headed by a county chairman who is also a county commissioner.

"This is nothing unusual," he said, singling out Dauphin and Chester Counties, whose Republican chairmen are also county commissioners, and Lehigh County, whose Democratic Party chairman is a county commissioner.

Paes, who has been called on by Mrs. Mowery to resign from the county Republican party post, said he can accomplish much for the county through the post.

As an example, he pointed to county attempts to have the state relocate Route 30 East, to a point south of its present location, stating that by being chairman, he was able to coordinate things and get Harrisburg to listen to the problem.

We want the state to relocate Route 30 and take some crush of traffic off," he explained. Something will probably be done in the next year, he said, due to the efforts of Rep. Marvin Miller, Sr., and other legislators in Harrisburg, which he was able to coordinate as county party chairman.

"This is one of the good things" that is coming out of his dual role, Paes said.

On the question of home rule for the county, Paes said that it is the answer to improved methods of administration "if it is done properly."

He said the smaller municipalities, like Lititz, "are afraid of it," and that the strong mayor type of government in Lancaster City is hurting the chances for a county home rule charter.

Paes, who sat on the original committee looking into a county home rule charter, said the time has come when the county must go into different methods of record keeping and service. "We have to keep looking around," he said.

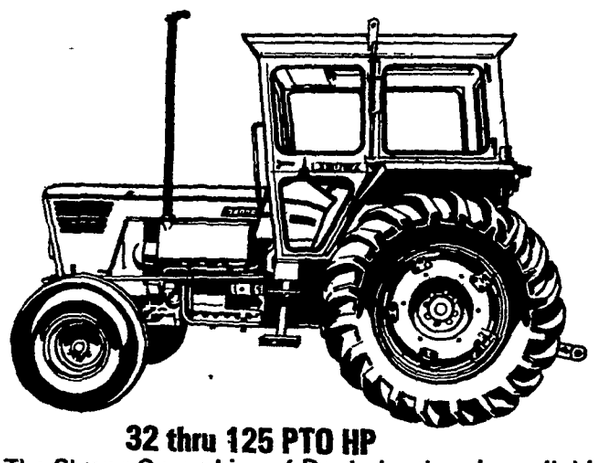
Paes and his wife, Betty, who live in Refton, maintain a furniture and decorating business at 201 S. Broad St., Lititz. They have one daughter, Suzette.

(Continued On Page 49)

QUALITY DAIRY CATTLE FOR SALE
BLACK and WHITE HOLSTEIN FARMS
2220 Dairy Road Lancaster, Penna.
100 HEAD REGISTERED & GRADE HOLSTEINS 100 HEAD
On hand at all times
CANADIAN—WISCONSIN—MINNESOTA
All cattle hand picked for type, conformation and perfect udder development, most of them with good production and B.F. records. NOTE: Will deliver from 4 head to a carload subject to your approval to your farm at anytime.
Pennsylvania's Largest Sales Pavilion
Dairy Cattle Auction Sale 3rd Friday Night Every Month
CHARLES C. MYERS, Owner. Phone 717-569-2106
Park Myers, Sales Mgr. Private Sales Daily

SEMI-ANNUAL OPEN CLASS FAT STEER SHOW & SALE

APRIL 12, 1973
ENTER NOW
JUDGING — 10 A.M.
SALE — 3 P.M.
New Holland Sales Stables Inc.
Three Classes: Angus, Hereford, Mixed Breeds
JUDGED & SOLD In Lots of 6
All Cattle Feeders Eligible
20 Trophies Awarded To Sellers & Buyers
Entries may be registered with Abe Diffenbach, Manager Phone (717) 354-2194

DEUTZ

32 thru 125 PTO HP
The Strong Green Line of Deutz tractors is available in 32-38-55-65-85-105-125 HP sizes. Air-cooled Deutz diesel engines have proven to be far more flexible than other diesels and last twice as long besides. Their constant torque pulls through more tough spots without shifting.
Features on the big tractors include: Power steering, Hyd. brakes, Ind. PTO, shiftable 540-1000 PTO, choice of remote hydraulics, excellent draft control system, 16-speed fully synchronized transmission and a clutch that won't kill the operator.
Call Us For Free Demonstration of Any Size Tractor
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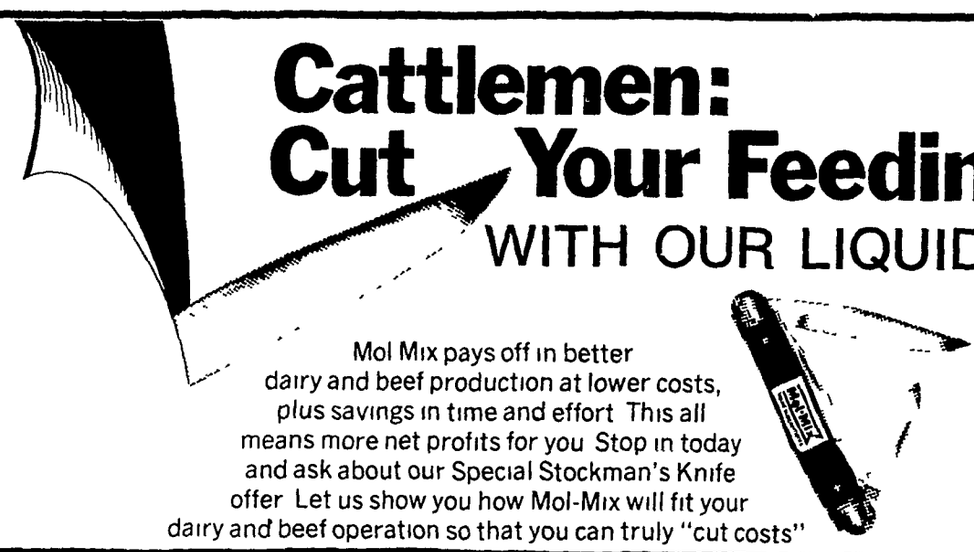
Located on Route 897 between Schaefferstown and Lebanon, over 30 years in business at same place.

Cattlemen: Cut Your Feeding Costs WITH OUR LIQUID CONCEPT!

Mol Mix pays off in better dairy and beef production at lower costs, plus savings in time and effort This all means more net profits for you Stop in today and ask about our Special Stockman's Knife offer Let us show you how Mol-Mix will fit your dairy and beef operation so that you can truly "cut costs"
Mol-Mix® liquid supplements the liquid leader
JOHN Z. MARTIN
New Holland RD1
Phone 717-354-5848

THRU THE WANT ADS

PHONE 626-2191 or 394-3047

Paes Calls

(Continued From Page 48)

Paes has been county chairman since September 1971, when he was elected to fill the unexpired term of K.L. Shirk, who resigned. In May 1972, he was elected to his first two-year term.

He was elected by the Republican advisory committee as its choice to succeed Dombach as county commissioner, winning the recommendation over 12 other candidates by capturing 47 of the 52 votes cast on the first ballot. In assuming his new office, Paes has achieved one of the ambitions of his father, the late William E. Paes, chief clerk to the county commissioners for many years.

Saying that he enjoys county government, Paes called it one of the governments "closest to the people."

A taxpayer is a person who doesn't have to pass a civil service exam to work for the government.—**Lois W. Matson,** The Kiester (Minn.) Courier.

"Nothing seems to make a tack sharper than stocking feet."—**Mayo G. Wood,** the Wellington (Ohio) Enterprise.

PSU Readies for Little International Livestock Exposition

The singing of hair clippers, the clanking of sheep shears, and the splashing of soapy water will soon break the usual calmness of the livestock barns at The Pennsylvania State University. Such will be the activity of well over 100 students preparing their animals for the 56th Little International Livestock Exposition to be held April 28th at the Campus Ice Pavilion. The show is sponsored by the Penn State chapter of the National Block and Bridle Club.

The faculty advisor, Glenn R. Kean, estimates that students from several colleges of the University compete in the Exposition each year. In addition to agriculture, student showmen are mostly majoring in liberal arts, education, human development, science, business administration, engineering—and health, physical education, and recreation. This year over 150 animals have been selected by students.

This year 1917 Peter B. MacKenzie, a former superintendent of livestock at the University, founded the Exposition. Among its purposes was to provide students with an opportunity to gain experience in handling, fitting, and showing four species of livestock. Since the Department of Animal Science furnishes purebred livestock including beef cattle, horses, sheep, and swine, the show is an opportunity to develop student-faculty relations.

Four judges have been selected to evaluate the exhibiters on their fitting and showing abilities. Swine judge will be Donald P. Fowler, associate county agent of Northampton county. David Flynn from Bellefonte, will serve as the horse judge. Judging sheep will be Clair W. Zerby from Knoxville, Pa. Beef judge will be Gene Hitchcock, manager of Jen-Car Farms of Monktow, Md.

The 1973 show has been dedicated to Ward Studebaker, horse herdsman at the University, selected by the club for his contribtuion to the field of agriculture. Mr. Studebaker serves as an instructor in many of the horse related classes and the Horseshoeing Short Course in the summer. Whether it be as a herdsman or an instructor, Mr. Studebaker is always willing to be of assistance to the students. Dr William A. Garrett, professor of nutrition and environmental studies from the Department of Animal Science, University of California, is being honored as this year's Distinguished Alumni of the Animal Science Department. A 1950 graduate from Penn State, Dr. Garrett was selected for his outstanding work in the field of forage

CLARK SEED FARMS
COMPLETE FARM
DISPERSAL
SATURDAY, APRIL 14, 1973
10:00 A.M.

Sale to be held at the farm located 5 miles south of Cohocton, New York, 13 miles North of Bath, right on U.S. Route 15, just 1½ miles North of Wallace, New York.

As we are discontinuing Farming, the following must be sold without reserve.

6 Tractors: I.H. 856 D with 1600 hrs.; I.H. 706 G with 2100 hrs.; I.H. 706 G. with 2300 hrs. (100-540 PTO); J.D. 440 Dozer with angle blade; I.H. 3200 Hydrostatic, loader with bucket, suitable for potatoes or freestall; I.H. 400 with Freeman loader, hydraulic bucket.

7 TRUCKS: 1966 I.H. 160 series w-327 V-8 engine, 5 speed trans., 2 sp. axle, 16' Haines Potato Body; 1962 Ford F-600 16' Dump, V-8 motor, 4 sp. trans., 2 sp. axle , and aux. trans.; 1960 Ford F-600 w-V-8 engine, 4 sp. trans., 2 sp. axle, aux. trans.; 1959 I.H. 160 w-Harsh hoist, 4 sp. trans., 2 sp. axle, aux. trans; 1952 I.H. 185 w-5 sp. trans., 2 sp. axle, aux. trans., 14' Haines bulk body; 1951 Army 6 x 6 w-14' Haines bulk body; 1951 Ford w-4 sp. trans., 2 sp. axle, aux. trans., 1100 gal. water tank.

GRAIN TOOLS: I. H. No. 205 Grain Combine, used little, 10' head, like new!; I.H. No. 107 x 16 Grain Drill.

POTATO PLANTING AND HARVESTING: Lockwood Potato Harvester w-aire attachment, A-1 condition; Allis Chalmers Harvester, all hydraulic, w-motor, used on only 7 acres!; Lockwood Potato windrower, 2 yrs. old; Thomas Stone Picker; I.H. 4-row Potato planter w-gandy applicators, Very good; J.D. No. 30 Potato digger; J.D. No. 30 Potato digger w-stone windrower; Speedy roto beater; 14' McConnel bulk body.

WAREHOUSE AND GRADING EQUIPMENT: Haines No. 6 Grader, complete; 2 Haines 26" seed sizers; Haines Brusher; 15' Bag Elevator; Haines 38' bulk loader, used very little; Haines Bulk Hopper; Haines 18' Bin Loader; Haines 24" seed cutter; Haines No. 3 Grader; Singer 18' Belt Conveyor; 2 Seed Elevators; Fertilizer Elevator; Haines 14' and 16' Portable Flat Belt Conveyors; Haines 20' Flat Belt Conveyor; Set of over-under Weight Scales; 12' Chain Elevator; Sun Aire Furnaces; Quantity of Storage Fans and Heaters

HALE IRRIGATION PUMP W-CHRYSLER INDUSTRIAL ENGINE: 3000' OF 6" ALUM. PIPE, 4 GUNS, 17 STATIONS.

GENERAL FARM EQUIPMENT AND IMPLEMENTS: I. H. 4 bottom 16" plows w-side hill hitch; I.H. 3 bottom 14" trl. plows; J.D. 12', 27" mobile disc; Brillion 12' cultipacker; Brillion 12' roller; 2 2-row Main style cultivators; John Bean Air Blast sprayer; E.Z. flow line sower; 2 12' tool bars; 2 I.H. No. 68 4-row cultivators; 2 12' weeders; I.H. 3 pt. 7' mower; 12' vibra shank; Peg tooth harrow; 2 12; harrows.

SHOP TOOLS AND MISCELLANEOUS: Set 38" Dual wheels; 2 sets tractor chains; Concrete mixer; 2 Cutting Torches; Miller 180 amp welder, like new; Pick-up saddle tanks, gas and diesel; Drill presses, power tools, etc. Small quantity of "starter" items

MANAGER'S NOTE: This is a fine line-up of name brand equipment! Probably the last Potato Farm Dispersal to be held in New York State this spring! Plan on attending this sale to buy good used equipment. We must start promptly at 10:00 A.M.

Lunch Available On The Grounds

Terms: Cash or Good Check Day of Sale.

Absolutely nothing to be removed until settled for.

OWNERS: **CLARK SEED FARMS**

GERALD LARSEN, SR., AVOCA, NEW YORK
GERALD LARSEN, JR., COHOCTON, NEW YORK
Victor Pirrung & Son Sale Mangers - Auctioneers
Box 365, Wayland, New York 14572
Phone 716-728- 2520

JAMES MYER
COMPLETE DISPERSAL
REGISTERED HOLSTEINS
FRI. APRIL - 13, '73 - 11:00 AM

LOCATION OF FARM: Take 501 4 Miles North of LITITZ, PA. Along Brubaker Valley Road - WATCH FOR SALE SIGNS

SELLING 100 HEAD OF REGISTERED HOLSTEINS AND A FEW GRADE COWS

FEATURING: 55 Head of Milking Cows, 15 Heifers Bred to Calve Throughout Summer and the Balance are Open Yearlings and Calves.

RECORDS to 23,918 Milk 878 Fat - Several with over 100,000 lb. in a Lifetime - One with 211,903 Milk 7,196 Fat.

5 RED & WHITE REGISTERED HOLSTEINS: 4 Reg in R. & W. Assc.,; 1 Reg in Brattleboro, 1 by Romandale Dividend Performer; 1 by Milk & Honey Ivanhoe, 2 by Larry Morre Transmitter (Jack).

SIRES REPRESENTED. 7 by Whirhill Kingpin, 8 by Simpson Farn Tidy Gent; 4 by Romandale Dividend Performer; 9 by Penstate Ivanhoe Star, 3 by Mooseheart Pioneer; 2 by Milk & Honey Ivanhoe

SEVERAL BRED TO PACLAMAR ASTRONAUT

SOME INDIVIDUALS SELLING:

1. LAYSERETTA DUCHESS HOPE RED (R & W. ASSC.) Sire: Milk & Honey Ivanhoe 4-2 303 14,589 607 4.2

2. ELMDALE VALLEY ELLA Sire Kingpin 3-4 389 20,569 716 3.5

3. JAFS BONNIE Sire: Pioneer 5-10 354 21,401 711 3.3

4. ELMDALE VALLEY STAR EDNA Sire Ivanhoe Star Heifer Bred for Aug of 4-0 383 17,970 760 4 2 Dam

2 CALVES SELLING BY ROMANDALE ROYAL RED

11 SELLING OUT OF A SON OF PACLAMAR BLACK EAGLE & KINGPIN DAUGHTER WITH 3 RECORDS OF OVER 600 lb.

SALE BY **JAMES F. MYER**
R.D. 2 Lititz, Pa. 17543
717-626-5555

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"FOR FREE SALE CATALOG WRITE TO OWNER"

AUCTIONEER: WILBUR H. HOSLER Lititz
AP. AUCTIONEER JAY M. WITMAN Manheim
RING MAN PAUL SNYDER
PEDIGREES CLIFFORD GIBBLE
CLERKS HOSLER & GALEBACH

Grass Roots

by PETER G. HAMMOND
Executive Director, National Coordinating Council on Drug Education

Most drug abuse education programs do not have a passing grade. Basic fundamentals of pharmacology are consistently ignored For example, existing drug abuse education materials do not acknowledge the dose-response curve of all drugs. This simply means that the effects of a drug depend on how much is taken

Children die every year from too much aspirin At least 3,000 people die every year from too many barbituates. One quarter of all hospital admissions are a result of too much of a particular drug. The "too much" varies from person to person, which raises the main point - no generalizations should be made about drug effects. For example, to call marijuana a hallucinogenic or narcotic as we do in our education literature and programs is a strain to credibility and unrelated to the vast majority of pot smoking. Most people who try marijuana (like cigarettes) get a cough and a choke the first time around No hallucinations. No freak trips. No sex orgies. Those who continue to experiment and use marijuana at low or moderate dosage levels seldom, if ever, experience the media-advertised hallucinations. A few choose to smoke regularly at high dosage levels and some of them hallucinate.

Javits Speaks Out on Agricultural Plight

Northeast dairy industry leaders met with U. S. Senator Jacob Javits of New York at the Country House in Syracuse, N. Y. on Monday, April 2, to discuss the plight of agriculture in the Northeast. John C. York, general manager of Eastern Milk Producers Cooperative introduced the following statement:

"The United States Department of Agriculture and the White House are in serious need today of sound direction with regard to agricultural policies and food prices. We are hopeful that Senator Jacob Javits can and will provide legislative leadership for farmers of the Northeast in directing food and farm prices.

"The fundamental law of supply and demand is being ignored by the United States Government today as it applies to agriculture. Farm costs, which have no controls, are rapidly increasing and cutting into the production of agricultural commodities.

"In the Northeast, milk supplies are down four to six percent below additional demands on the production of food commodities.

"In reply to a telegram sent by Eastern Milk Producers to the President of the United States and Secretary of Agriculture Earl Butz on March 11, 1973, urging the President not to place price controls on agricultural products or to import foreign agricultural commodities, the Department of Agriculture, on March 28, said among other things—'Today agricultural policies increasingly stressing the necessity for farmers to realize their income from the market.' On the following day,President Nixon announced placing a ceiling on beef, pork and lamb Such action was contrary to the announced policy of the Department of Agriculture and the President's March 15th press conference.

"If producers are to realize their increased costs of product out of the marketplace, there cannot be ceilings on what the marketplace will pay to the farmers for these products. It is unfair for farmers to be subjected to ceilings on the items that they sell with no ceiling on the cost of the items they must purchase to produce the raw product We are certain the Secretary of Agriculture Earl Butz, being a good agricultural economist, fully understands the law of supply and demand and what affects supply and demand. We feel that he is currently placed in an untenable position.

"On January 16,1973, Eastern Milk Producers announced the desirability of establishing an Agricultural Cost of Production Council. We commend Senator Javits and his efforts to require the development of such a Council A Cost of Production Council would give balance and bring to the policy-making bodies of the White House the farmers'cost problems as a counterpart to the Cost of Living Council which only reflects upon consumers' costs.

"With regard to the present level of food prices, it should be noted that figures available from the United States Government for the period 1961 to 1972 provide the following comparisons which are enlightening:

Food prices rose 29 percent while the cost of government has increased 100 percent; Clothing 33 percent; Dental fees 54 percent; Physicians' fees 54 percent; Hospital care, daily room rates 165 percent; At-

(Continued From Page 51)

GUERNSEY DISPERSAL
STERLING FARMS, HARVEYS LAKE, PA.
Will sell their entire Guernsey herd at the Ass'n. Sales Pavilion, Lancaster, Penna.
THURSDAY, APRIL 12, 12:30 NOON
96 HEAD — 1 Bull — 71 Cows — 3 Bred and 21 Open Heifers
40 due starting in June through the Fall.

This extremely well bred herd offers good production and type. 34 of the cows have completed records with 10,000 lbs. milk or more. 9 at 10,000, 12 at 11,000, 5 at 12,000, 5 at 13,000, 2 at 14,000 and 1 at 18,000.

In sale, Gerar Ballerina (E-3x) 14172-607-6-305. One of her sons by "Darimost" is service sire to 17 and sire of 2 calves. The other son born 9-8-71 in sale.

Another son of "Ballerina" by "Nance" service sire to 16 and sire of 3. A number of top 4-H prospects.

SALE MANAGED BY:
PENNA. GUERNSEY BREEDERS' ASS'N.
P.O. BOX 458 CAMP HILL, PA. 17011
AND
THE MERRYMAN CO., SPARKS, MD. 21152

ANNUAL SPRING
CATTLE SALE
FEEDER CATTLE and CALVES
Friday, April the 13th.
At 1:30 P.M.
BLUE RIDGE LIVESTOCK SALES, INC.
Charles Town, W. Va.
Billy F. Owens, Mgr.

PUBLIC SALE
HOUSEHOLD ITEMS, ANTIQUES, LIGHT FARM EQUIPMENT
LOCATION: Along Strasburg Pike, opposite Precision Ave., in Strasburg Pa., Lanc. Co.
SATURDAY, APRIL 14, 1973 11:00 A.M.
ANTIQUES including Rope bed; (6) plank chairs; trunk; cane chairs; spice box; old books; Geographics; jugs; dated jars; crocks; Butter scales; iron kettle; small coffee grinder; meat grinder.

Stuffer; butter churn; keg; bone grinder; wooden planes; (2) Single barrel 16 gauge guns (Champion and Hopkins Allen); glassware; compote; German, Nippon, Depression glass, goblets; punch bowl; matching tea, cream and sugar set; Carrollton china service for 12; silverware; homespun spread.

Dining room suit; bedroom suit; Hollywood bed; wardrobe; roaster; toaster; Norge wringer washer.
John Deere "LA" tractor with plow, cult., snowplow.
Sears chain saw; old 1 horse corn planter, shop tools; barn door hinges
Hives of bees, honey Bee supplies
Many articles too numerous to mention.
Small tools will be sold first.

Sale by,
George L. Lefever
Aucts:
Carl Diller 464-2233
J. Everett Kreider 284-4517
Lunch

ERTH-RITE SEA-BORN ALGIT
ZOOK & RANCK, INC.
R.D. 1 Gap, Pa. 17527
Phone 717-442-4171

SPECIAL SPRING
FEEDER SALE
Friday Evening, April 13
7:00 P.M.
ALL WEIGHTS, ALL BREEDS
FEEDER CATTLE
SHOW & SALE
Friday, May 18, 1973
Show 2:00 P.M. Sale 7:00 P.M.
Shown, Judged and Sold in lots of 20. Trophies for winners. Anyone may enter. For more information call 717-442-4181 or 768-8204

JUNE FEEDER SALE
JUNE 15, 7 P.M.
ALL WEIGHTS, ALL GRADES
For consignments and information, contact:
Kenneth Hershey, mgr.
(717) 768-8204
Vintage Sales Stables, Inc.
P.O. Box 100, Paradise, Pa.
10 Miles East of Lancaster, Pa. On U.S. Route 30

PUBLIC SALE
FARM EQUIPMENT
TUESDAY, APRIL 17, 1973
10:30 A.M.
Located just off Route 222, 5 mile south of Quarryville, one half mile west of Unicorn, along the Black Bear Road on the Albert Stoner Farm, East Drumore Twp., Lanc. Co., Pa.

Farm equipment consists of Allis Chalmers C tractor wide front end & 2 sets of cultivators, Allis Chalmers C tractor with manure loader, Allis Chalmers D17 tractor, McD H tractor, N.I. fertilizer spreader, A.C. disc, Case cut away disc, J.D. 2 bottom plow, 2-3 bottom 14" plows, A.C. 3 bottom 16" plow, A.C. no till corn planter, N.I. corn picker with trailer husking bed, N.H. baler hay liner No. 68 PTO, Cunningham hay crimper, hay tedder, side rake, A.C. forage harvester, Mayrath 32 ft. elevator, A.C. blower & pipe, Case rubber tired wagon, Case heavy duty rubber tired wagon, grain bin & wagon, unmounted grain bin, Ontario disc grain drill, 2 A.C. forage wagons (used 2 seasons), N.I. mower, N.I. manure spreader pto (high metal sides), spring harrow, spike harrow, cultipacker, stock shreader, hay dryer fan 7½ h.p. motor, roller, wheel rake, platform scales, cutting box, 1 horse sled, shovel plow, corn sheller (cannon type), potato plow, bone mill, 2 grain cradles, 2 old home made sleds, bean & pea scales, Powell transplanter, Clinton motor 3 H.P., grind stone, walking plow, scraper blade, tomato baskets, baler twine, burlap bags, Century oil burner, 2 hay knives, window sash, storm sash, apple butter stirrer, meat benches, sausage cutter & stuffer, forks, shovels, chains, a lot of small tools and many other articles used on a farm.

GMC 1 TON TRUCK
31 SHOATS
A.C. Loader fits B10 to C Tractor.

Lunch available
Kersey A. Bradley Auct.
Kirk & Eschbach Clerks
SALE BY
Albert P. Stoner

Javits Speaks Out on Agricultural Plight

(Continued From Page 50)

tending a movie 101 percent; postal cost, about 73 percent, and for the same period of time, wages and salaries have risen during the decade of the '60's from 270 billion to 541 billion, an increase of 100 percent. In 1961, it required 16 percent of the disposable income, or income after taxes, to feed a family at home compared to 12.7 percent in 1971, and there is no question but that it will be lower in 1972 when the figures are made available.

"The following excerpt was taken from a statement which I introduced before the Senate Agricultural Committee on March 15, 1973, reflecting on the matter of food prices:

As long as American consumers were able to get cheap food, they had money left over for other things—costly automobiles, expensive clothes, color television, stereophonic instruments and vacations overseas. But this style of living could not be expected to continue indefinitely, certainly not at the expense of the farmer. The population of the world is growing and the amount of arable land is more or less fixed. A greater output can only be obtained at an increasing cost.

The average American farmers has a huge investment in his farming operation; yet his income has been very low. The average net income per farm in 1972 was $7,000. One must ask then, if the interest on the money invested in the farm were allowed for, would there be anything left to reward the farmer for his labor and the labor of his family?

I ask another question: is it not about time that the urban consumer recognize the fact that the farmer is also entitled to a just return for his labor and capital? A British labor leader was quoted recently as having said, 'We no longer have the divine right to be cheaply fed.' One could wish that American labor leaders could show the same comprehension.

The United States Department of Agriculture currently establishes milk prices at the farm level by Federal Milk Marketing Orders. Eastern Milk Producers Cooperative has urged the Federal Government to call a hearing to enable farmers to introduce evidence upon which an 88 cents per hundredweight or two cents per quart increase in Class I prices would be granted. Such minimal improvement in the income of dairy farmers is urgently needed and past due if we are to sustain a viable industry in the Northeast.

"In light of milk supplies shrinking, farmers cannot keep abreast of costs. Consumers must respond to increased food costs unless they want to grow beef, milk cows and harvest crops in their backyards to sustain the quality and quantity of food that is required of farmers to produce today in the United States.

"It is regretable that farmers are responding to the food boycott by withholding their product from the market. Nonetheless, this weapon is one that is currently being used and may require greater application if more orderly means of improving farm income cannot be achieved.

CLOSING OUT SALE
EXCELLENT FARM EQUIPMENT
WEDNESDAY, APRIL 11, 1973 11:00 A.M.

Located 1 Mile West of East Petersburg, Lancaster Co. Pa. Farm Located along Stevens St., just north of Rt. 283, take Colebrook Rd. to Stevens St. Look for signs.

630 J.D. (3068 hrs.); 420 J.D. with wide front end (2860 Hrs.); 2020 J.D. (1100 hrs.); Massey Harris 82 Combine with 12 ft. cut; J.D. 14T Baler; J.D. Rake; N.I. Crimper; 3-pt. 9 W mower; 3-pt. 3 B. 14" Plow; J.D. 1240 Corn Planter with insect. spreader; J.D. 227 corn picker; N.I. Fertilizer spreader & auger; J.D. N manure spreader; Oliver 3-pt. pump sprayer; J.D. 7 x 17 hoe grain drill; Two 2-row Cultivators for 420 & 630 J.D.; Friend Potatoe sprayer; J.D. disc; J.D. 3-sec. harrow; J.D. 3-sec spike harrow; 2-row weeder; 10' pulverizer; 11 ft. roller; 3-pt. model 80 scraper; manure loader & snow bucket; 3 pt. 307 Gyramor; 3-pt. tool bar; 2 Coby wagons; 2 J.D. wagons; 2 McCurdy grain bins; 2 grain conveyors with motors (12' & 16'); J.D. 30' elevator, rotary hoe;

1948 REO FLAT BED DUMP TRUCK; '61 Studebaker pickup; 25 Tons Straw, Forney welder, Floor hydro jack, ¼ Hp. 30" fan on stand, 2 air compressors, scalding trough, scalding chain, pea scales, fence stretcher, window light, hog feeders, farrowing crates, feed trough, 3 iron water troughs, 2 pipe threaders, forks, shovels, axes, sledges, wedges, machine and carpenter tools, chains, ladders, stripping-room stove, baler twine, Knipco heater, Pioneer seed corn, 150 bu. potato crates, 2 platform scales, irons for overhead doors, pump with motor, grindstone with motor, 2-row potatoe hillers, 2 pumps, 6 bag carts, 2-bu. grain bags, 8 rolls corn crib wire, scythe, tackling & belt pulleys, heat lamps; Charles Incubator, bale hooks, bag tieing many ends 3 ply, 2 dinner bells, license plates (1907 to 1920) and many numerous useful items not listed.

AUCT. NOTE - The above equip in like new condition. Farmers here's your chance to get that good equip. you're looking for. Reason for selling - Hottensteins are retiring and rented the farm.

SALE BY
HOTTENSTEIN BROS.
C. H. WOLGEMUTH & H. SHAFFNER AUCTS.
PH: 665-5664
Lunch Available

NOTICE
AUCTIONEERS!
We print sale bills.
Call 394-3047 for price.

SPECIAL SALES!
FRIDAY, APRIL 13
FRIDAY, APRIL 27
7:30 P.M.
CALVES AND YEARLINGS
Charolais, Angus and Hereford calves and yearling steers and heifers. No paint marks or hip tags on any of these cattle. All cattle weighed on sale day
Beef breeds and some holstein steers-Sorted in uniform lots.
For further information, contact:
J. FRANCIS TINSMAN
LEESBURG LIVESTOCK MARKET
Phone 777-1411 Phone 777-3521
Plan now to attend this sale, as quality pays in many ways

Help Us Serve You

Don't assume we know about your farm organization's meeting. To get your meeting on our Farm Calendar, it's safer to assume we don't know

Remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming, 22 E Main St, Lititz, Pa 17543. You'll be helping us to serve you better

P S - If you're not sure you told us already, we don't mind hearing from you again.

RAY K. ESPENSHADE AUCTION
Cattle, Barn & Milking Equipment,
FRI. APRIL 13, 1973
1:00 P.M.
Coudersport, Pa. located 4 mi. west of Coudersport on Rt. 6
45 Head Top Holstein Cattle
38 Cows, 5 Bred Heifers, 2 Calves

This one of the top young dairys in the area, 1972 ave. on 35 cows, 14,432 milk 3.9 - 564 fat. These cows are sharp and dairy and really show a lot of milk, the herd is the result of many years of artificial breeding. Cows selling with records to 26,699 milk 3.7 - 1010 fat. Many selling with from 16,000 No. to 18,000 No records. Top ABS sires used in this herd - Ultimate; Statesman; Sears; Fascination; Jethro; Lancer; Double Triune; Hagen & Promis. Bred for year round freshening with 12 cows fresh or springing, balance bred for summer or early fall freshening. If you like to milk good cows and need milk be at Ray's on the 13th. The herd will be tested for interstate shipment.

MACHINERY
NH 180 bu. tank spreader, 1 yr. old.

MILKING & BARN EQUIPMENT
500 gal. Girton bulk tank, 3 yrs. old; Topline Dumping Station w-inline strainer & 130' glass line, release & dryer (3 yrs. old); Surge Alamo Pump 30 plus; 3 Surge milkers, 2-50 No. & 1 40 No.; 30 Jamesway stanchions; cow trainers; 20 water bowls; stainless steel strainers & pails; Patz gutter cleaner w-200 ft. chain. TERMS: Cash or a good check day of sale with ID, nothing to be removed until paid for.

RAY K. ESPENSHADE,
OWNER, COUDERSPORT, PA.
PH: 814-274-9692
SALE MANAGERS & AUCTIONEERS,
WILLIAM KENT, INC., BERGEN, N.Y.
PH: 716-494-1890 AND
GOLDEN GENES SERVICES INC,
MANSFIELD, PA PH: 717-549-4762
RUSHVILLE, PA. PH: 717-934-2302

FOREST GREENE
FARMS SALE
SATURDAY, APRIL 14

Selling all saleable cows and bred heifers at 12 30 p.m. at the farm located on the South Hill Road, two miles south of Whitesville, New York, 25 miles south of Hornell and 12 miles east of Wellsville, New York.

62 REGISTERED and 10 HI-GRADE HOLSTEINS

A young herd with 40 of them first and second calf heifers sired by such great bulls as Pride Admiral, Skokie Duke, Crisscross, Marquis, Sears, Promise and Forest Greene Sears Mary, now at ABS There are 52 fresh or springing, 18 bred for fall freshening and 2 stock bulls. A Pride Admiral daughter selling with records as 5y, 302d, 24,474m, 832f and has 77,000 lbs milk in four lactations. Her two year old son also in sale There have been many 100,000 and 200,000 lb cows developed in this herd. Also one national and two state record cows have been raised by the Waters family Herd has been on HIR test for 26 years and over the last 13 years have average in 47 lactations of 16,020m, 602f. Mr and Mrs Waters are one of the oldest breeders of purebred Holsteins in Allegany County. Animals will be pregnancy checked and innoculated prior to sale. If you are developing a purebred herd, here is quality, type and production See the WORLD AND NEW YORK NEWS for more information
Sale held in tent Lunch available

OWNERS
Mr. and Mrs. Lewis Waters, Whitesville
Sale Manger, Auctioneer - VICTOR KENT
Cuba, New York - Phone 968-1944
Auctioneer - WILLIAM KENT, Bergen, N.Y.

DEPENDABLY YOURS
LOW PRICED GAS

We Deliver LP-Gas
No matter where you live, you can count on us to service LP-Gas' needs fast and efficiently.

AGWAY
LP-GAS
AGWAY
Petroleum Corporation
Box 1197 Dillerville Road
Lancaster, Pa.
Dail - 717-397-4954

★ Public Sales Register ★

SAT. APRIL 7- 12:30 P.M. Public Sale of Some Farm Equipment and Household Goods located 1½ miles south of New Holland on Maple Grove Road, turn off Rt. 23 in New Holland on Diller Avenue to Maple Grove. Terms by Samuel G. Horning; Robert E. Martin and Frank L. Steller, Auctioneers.

SAT. APRIL 7, 1:30 P.M. Feeder Pig Sale. 450-475 - 40 to 60 lb. Choice Feeder Pigs, Hampshire, Duroc and York Cross. Located 2½ miles South of Bethel from US 22 and 6 miles North of Myerstown. Pa , along US 501. Sale by Norman M Martin.

SAT. APRIL 7- 10 A.M. Sharp Public Sale of Antiques, Household Goods and Farm Machinery located 5 miles South of Quarryville, ¾ mile off Rte. 222 along Puseyville Road. Sale by Elmer R. Lindecamp; Lloyd H. Kreider, Auctioneer

SAT APRIL 7- 9:30 A.M. C.H. Wolgemuth and Sons Annual All Day Farm Equipment Sale located 4 miles West of Manheim, Lancaster Co., Pa. For information contact C.H. Wolgemuth, Sale Manager, RD No 2, Manheim, Pa.

Major appliance manufacturing topped all previous totals for the 12th straight year, a record 31,199,000 units in 1972.

Help Us Serve You

Don't assume we know about your farm organization's meeting To get your meeting on our Farm Calendar, it's safer to assume we don't know

Remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming, 22 E Main St , Lititz, Pa. 17543. You'll be helping us to serve you better

P S — If you're not sure you told us already, we don't mind hearing from you again.

•MORE MILK • MORE MEAT • MORE PROFIT WITH MADISON SILOS

• Feed high-quality, nutritious, corn and grass silage all year for more milk, more meat and more profit
• Low original cost
• Low upkeep cost
• More than 60,000 Madison Silos in use

MADISON SILOS
Div. Chromalloy American Corp.
1070 Steinmetz Rd.
Ephrata, Penna. 17522
Ph. 733-1206

LOCAL DEALERS

Frank Snyder
Akron 859-2688

Caleb Wenger
Quarryville 548-2116

Landis Bros. Inc.
Lancaster 393-3906

Carl L. Shirk
Lebanon 867-3741

Sollenberger Farm Supply
Centerport, Pa.
Ph. 215-926-7671

SAT. APRIL 7- 1 P.M. 200 Head of Hogs, feeder pigs, 12 bred Gilts, 8 male hogs, Yorkshire, Tools. Sale by Stan L. Reinecker, located 1 mile south of York Springs, Pa. just off Route 94.

SAT. APRIL 7- 10 A.M. Seeley's Complete Dispersal located 4 miles Northeast of Canton, Pa., Bradford County, 2 miles East of Alba, Pa., just off Alba-Minnequa Road. Sale by Guy & Alice Seeley, owners; Carl Diller and Everett Kreider, Auctioneers.

SPECIAL SPRING SALE

500 FEEDER CATTLE
325 STEERS
175 HEIFERS

Mostly Black. All locally consigned.

TUESDAY, APRIL 10, 1973

2:00 P.M.

STAUNTON LIVESTOCK MARKET

C & O Flats
Staunton, Virginia
Phone 703-886-5381 or 703-886-0861

RONALD D. WEST
SALE CALENDAR
"OUTSTANDING AUCTIONS"

DANVILLE AUTO AUCTION CO.
DANVILLE, PENNA.
Wednesday, April 11th, at 7:30 P.M. 120 Cars and Trucks. Central Pennsylvania's Largest Auto Auction.

HOMER FOSTER ESTATE SALE
Friday, April 13th. Located between Horse heads and Sullivanville, New York. 65 Head of Dairy Cattle and a full line of Farm Equipment. Farm will be sold at Public Auction in two Different Parcels.

ROCKVIEW PENINTENTIARY EQUIPMENT SALE
BELLEFONTE, PENNA.
COMMONWEALTH OF PENNSYLVANIA
Saturday, April 14th 12:00 Noon. 13 Tractors and a full line of Farm Equipment.

Commonwealth of Pennsylvania
COMMONWEALTH GARAGE
2221 Forster St. Harrisburg, Penna. 200 Cars and Trucks. Thursday, April 26th at 10:00 A.M.

Mr. and Mrs. Elwin Van Etten Dispersal
HARRISON VALLEY, PENNA.
Saturday, April 21st. 90 OUTSTANDING HOLSTEINS. One of the Top Dairys in the Northern Tier. 2 Pair of Heavy Work Horses.

COMMONWEALTH OF PENNSYLVANIA
Friday, May 4th, 1973. Sale of Diesel Yacht "Commonwealth". Type: Double Cabin Cruiser Sale to be held at Pier 11, North, Delaware River, Philadelphia, Penna

RONALD D. WEST, Sales Manager
ROBERT M. SHAYLOR, AUCTIONEER
ROBERT SLINGERLAND, CLERK

To be assured of a Top Auction, call the best in the Auction Business Ronald D. West, R.D. 1, Mansfield, Penna. Phone: 717-724-1989 or Robert M. Shaylor, Elmira St., Troy, Penna. Phone. 717-297-3278 or Francis Courtright, Fairway Lane, Horseheads, New York Phone: 607-739-2522. We are in need of Complete Dairys, large or small—an excellent market for Registered Animals

SAT. APRIL 7- 9:00 A.M. Public Sale of Farm Machinery, Pickup Truck, Shop and Hand Tools located along South Church Ave. at the edge of Shrewsbury Boro, in Shrewsbury Twp., York County, Pa. Take Exit 1 off Interstate Rt. 83 & go West on Rt. 851 to South Highland Dr. and proceed to S. Chruch Ave. or from Rt. 111 take E. Church Ave. and follow signs to sale. Sale by Mrs. John Lerew, Robert L. Sechrist, Auct., John Hope Anderson, Clerk.

(Continued On Page 53)

PUBLIC SALE

OF REAL ESTATE, ANTIQUES AND HOUSEHOLD GOODS
TO BE HELD

SATURDAY, APRIL 14

Along Route 241, At Lower Lawn, 5 miles northeast of Elizabethtown, 8 miles southeast of Hershey, 14 miles south of Lebanon.

Farm Containing 52 acres

More or less, theron erected a large 2½ story brick house with 8 rooms, 2 fireplaces, open winding stairway to attic. Adjacent a 2½ story frame house w-4 rooms; a 1 story frame house with 4 rooms; lrg. frame bank barn; other out buildings. Well of water at house w-elec. water system furnishes water for houses & barn. 16 acres, more or less of meadow, some woodland.

Real Estate to be offered at 2 p.m. Arrangements to view property may be made by calling 964-3316.

Also at same time and place: Lot of new and used lumber 12' x 14'; sawed rails; wild cherry boards; sawed cedar boards; wide poplar boards; hardwood flooring; ¼ round; finishing lumber; split rails; window sash w-glass. No. 12A New Idea tractor manure spreader; 2 wheel milk cart; milk cans; 2 wheel trailer; farm wagon; tractor wheel weights; tractor chains; 6 can milk cooler; vacuum milker pump & motor; elec. motors; tobacco shears & spears; iron by the pile; iron wheels; hinges; lock rails; Buch 18' cast iron water trough; other iron troughs; feeding box stall trough; bath tub; milk stools; Engerprise lard press & grinder; cast iron tea kettles; sad irons; lrg. iron kettle; lrg. copper kettle; hand bells; sleigh bells; cow bells; new galvanized buckets; coal buckets & shovels; tinware; tin cookie cutters-lrg. & sml.; Ives No. 11 train & track-key wind engine-it works; Mellotona player piano; bench; piano rolls; 2 Weaver treadle organs; stool; jelly cupboards; 2 high post rope beds; cherry seeder; bureaus; washstands; blanket chests; buffet; table w-claw & ball feet; small tables; ext table; top cupboard; cane seated chairs & rockers; wooden rocking chairs; sml. plank bottom arm rocking chair made by Aaron Wenger; wood boxes; sml. wooden boxes; doughtray & scraper; high chair; baby coaches; go cart w-high wheels; schoolmaster desk; camel back trunk; small cradle; iron crib; jewelry box; pocket watches; watch chains; Occidental parlor shelf clock w-carving; 2 Gone With the Wind parlor coal oil lamps; other coal oil lamps; cream pitcher over 200 yrs. old; Palestine plates; fruit dishes; carnival glass; pressed & cut glass; water pitcher w-3 glasses; goblets; vinegar cruets; sponge cake baking dishes; pitchers; cups & saucers; sml. mugs; tooth-pick holders; 2 washstand water sets; books; bedtime story books; German books; postal cards & albums; stereoscope & pictures; pictures; pictures frames; envelopes w-stamps & postmarks; almanacs; old deeds signed Thomas Penn & Richard Penn, Esquire-Nov. 1747; John Penn, Thomas Penn & Richard Penn-Jan. 1937; other old deeds; rag carpet; new shoes; new quilts; Geo. Washington quilt; comforts; dolls; baskets; cooking utensils; wooden cannister set; Kelvinator refrig; Philco elec. stove; jugs; jars; crocks; lot of articles too numerous to mention.

Small antiques to be sold under tent. Implements, tools at barn & lumber to be sold first.

Sale to start 9 a.m. Real Estate to be offered at 2 p.m. when conditions will be made known by.

NOAH S. Wenger

Henry F. Gingrich, Atty.
Dupes, Gerberich, Fraley, Auctioneers
N. Kraybill, S. Kraybill, P. Miller, Clerks

Refreshments available Not responsible for accidnets

WINCHESTER -

SPRING FEEDER CALF and YEARLING SALE

Friday, April 20, 1973 at 1 P.M.

Farmers Livestock Exchange, Inc. - Winchester, Virginia

2250 HEAD - STEERS and HEIFERS

STATE SPONSORED + GRADED + UNIFORM LOTS +

ALL BREEDS

Virginia State approved for Bangs and T.B + Eligible for Interstate shipment. Dehorned and feeder calves vaccinated for BLACKLEG - MALIGNANT EDEMA - HEMORRHAGIC SEPTICEMIA.

This sale is equally important to consignors and buyers. Your support will be greatly appreciated.

P.T. McINTIRE, Sale Manager

For Information, Write or call: 703-662-2946 (office) 703-837-1254 (home)

NORTHERN VIRGINIA LIVESTOCK, Inc.

Box 440 - Winchester, Va. 22601

PUBLIC SALE

200 - 250 FEEDER PIGS

SATURDAY, APRIL 14, 1973 AT 1:30 P.M.

Located 1 mile south of Richland; 3 miles south of Myerstown on 501, turn east at Country House Restaurant, follow sale signs.

40-80 POUND CHOICE FEEDER PIGS

HAMPSHIRE-YORK-DUROC CROSS

All pigs are vaccinated for Erysipelas.

Casterated young, wormed, sprayed for mange and lice. All pigs were raised on this farm. No outside pigs will be sold on this sale.

Sale at 1:30 P.M. Terms By

Paul M. Zimmerman

Myerstown RD2, 17067

Phone 866-2978

John E. and Paul E. Martin, Auctioneers

PUBLIC SALE

FARM MACHINERY - DAIRY HEIFERS ANTIQUES

SATURDAY, APRIL 21, 1973 10:30 A. M.

Located on the premises between Palmyra and Campbelltown in Lebanon County, Penna. Turn South at the square in Palmyra or turn North off Rt. 322 in Campbelltown at the BP station and proceed 1 mile to the farm.

John Deere 2510 Gas Tractor

Syncro-range - front and rear weights - 1550 hours - A-1 shape, John Deere 3 bot. 16" plow, John Deere 24T baler with ejector, John Deere KBA disc harrow with 20" discs, John Deere 2 row corn planter with insecticide attachment, NH super 55 side rake, Int. 16 FH harvestor with corn head, Int. 1 PR corn picker, McCormick grass seed drill, Brillion hay conditioner, New Idea 19 manure spreader, Ontario grain drill, fertilizer spreader with grass seed attachment, 2 Lehr gravity bins on running gears, 24' Smoker elevator, 10' and 20' grain auger, 2 wheel dump bed trailer.

Farmall Super C Tractor

Hay Straw Oats Soybeans

1966 F-100 Ford ½ Ton Pickup Truck

Conestoga jack, grain cradle, potato plows, half bu. measure, pulley, Sampson bag holder, wooden fork, WPA fork, hog troughs, dump rake.

42 Registered Holstein Heifers 42

Cert. and Accredited (including several grades). These heifers have good size and will suit the most critical buyer. 26 head are bred to calve from May throughout summer months and early fall. Sired by popular Canadian and Penna. sires. 16 year old open heifers.

Registered Red and White granddaughter of Citation R

Following sire represented: Roybrook Starlite, Agro Acres Never Fear, Forest Lee Rocket Centurion, Downalane Reflection Emperor, Cornerset Centurion Medalist, Bond Haven Maple Diplomat, Houckhall Highspot, Penn Gate Fon Reflection, Eagle Point Design Bonus, Ivanhoe Jack, Tidy Gent, Ivanhoe Eden Select, Imperial Chief, Heatherstone Lucky Typeblazer, Ivanhoe Dian Charm, and a few granddaughters of Kingpin.

Many of these heifers are bred to son of Downalane Ref. Emperor Plenty of size, condition and type Among the better heifers to be sold this spring Must be seen to be appreciated

500 lb. Charolais cross steer.

Cattle to be sold in tent—Catalogs available

Conditions by:

Harold and Gladys Brandt

Harry H. Bachman - Auctioneer

Carl Diller - Pedigrees

Ebersole and Diller - Clerks

Lunch by Farm Women No 11

Public Sales Register

(Continued from Page 52)

SAT. APRIL 7- 10:30 A.M. Auction of Farm Machinery, Many fine antique and collector items, located on Strasburg Road between Marshallton Village (on Rte. 162) and Parkesburg, Pa. (very near Embreeville State Hospital). Sale by Norman E. Caldwell; Jim Boswell & Associates, Auctioneers.

FREE!

Your sale can be listed in our Sales Register without charge. Just mail details to Lancaster Farming, P. O. Box 266, Lititz, Pa. 17543

SAT. APRIL 7 - 10 A.M. Public Sale of Valuable Potato and Farm Machinery on farm 10 miles south of Williamsport, 1 mile southeast of Montgomery, Pa. off Muncy-Montgomery (Rt. 405) highway. Sale by Fred Tebbs, owner; Max Fraley, Auctioneer.

MON. APRIL 9- 11 A.M. 25 Reg. and Grade Holsteins Cows and Heifers plus Full line of Farm Machinery and Milk Tank for Ronald Faulkner, Queen Anne, Md. H. Rudnick and Sons, Sales Mgrs. of Galena, Md.

WED. APRIL 11-11 A.M. Closing Out Sale, Excellent Farm Equipment located 1 mile West of East Petersburg, Lancaster Co., Pa. Farm located along Stevens St., just north of Rte. 283, take Colebrook Rd.to Stevens St. Sale by Hottenstein Bros.; C H. Wolgemuth an H. Shaffner, Auctioneers.

PUBLIC SALE

HOUSEHOLD GOODS, ANTIQUES

FARMING IMPLEMENTS, TOOLS, & CAR

SATURDAY, APRIL 21, 1973 at 10:00 A.M.

Of the Late J. Donnell Taylor Estate located approx. 1 mile south of the East Prospect Rd. along Millers Mill Rd. & about ½ mile north of Holtz, in Windsor Twp. York Co., Pa.

Household Goods & Antiques

G.E. 40 in. electric stove; Frigidaire refrigerator; chest type deep freeze; Columbian white and gray porcelian cook stove; 5 pc. gray and red formica chrome dinette set; Zenith 21 in. portable TV; Zenith table model stereo record player; Lloyd's AM & FM table radio; Singer electric cabinet model sewing machine with stool; portable mixer; toaster; wringer washer; 4 pc. blonde oak bedroom suite; beige daybed; olive burlap living room sofa; 2 overstuffed chairs; occ. chairs; cricket chair; maple kneehole desk; buffet & mirror; metal cabinet & wardrobe; metal base cabinet; wooden kitchen cabinet; step stool; floor & table lamps; tank type sweeper; magazine rack; lg. picture & frame; step end table; ironing board; linens, bedding, quilts; scatter rugs; dishes, pots & pans; ice cream freezer; coal & wood heatrola; 2 lawn mowers; & many items not mentioned.

Antiques: 5 pc. bedroom suite with washstand; plank bottom high chair; set of six straight back oak kitchen chairs; oak dresser & mirror; wash stand; library table; stand; Morrison chair; cabinet radio; bevel glass mirror; quilting frame; glass butter churn; meat grinder; kettle 3 foot; pine flour chest; store basket; copper wash boiler; butcher bench; crocks; jars; iron skillet; meat saw; dishes & glassware; picture albums; blown glass vase; 1914-1919 History of York Co. & World War; other old books; Etc.

Farming Implements & Tools

Int. #45 PTO pickup baler; Int. 2 row mounted corn planter for C tractor; cultivators for C tractor; Int. 7 ft. semi-mounted mower; N.H. Smoker elevator; rubber tire wagon; extra 7 x 14 wagon flat; ext ladder; Century 2 wheel trailer sprayer; McDeering horse 2 row corn planter; rubber tire bag truck; roto-tiller, chain saw; iron hog troughs; Blizzard ensilage cutter & pipe; grindstone with seat; approx 4000 tobacco lathe; tobacco press; tractor belt; wagon load of misc. tools & small items

1964 Chevelle Malibu 4 door sedan, automatic shift. 44,000 original miles, very good condition.

Terms: cash or approved check

Ross B. Taylor

Dwight E. Taylor, executors

Robert L. Sechrist, auctioneer Ph. 382-4379

John Hope Anderson, clerk

Laucks & Monroe, atty.

Not responsible for accidents

Refreshment rights reserved

THURS. APRIL 12 - 12:30 Noon Guernsey Dispersal, Sterling Farms, Harveys Lake, Pa. will sell their entire Guernsey herd at the Ass'n. Sale Pavilion, Lancaster , Pa. Sale managed by Penna. Guernsey Breeders' Ass'n. P. O. Box 458, Camp Hill, Pa. 17011 and The Merryman Co., Sparks, Md. 21152

FRI. APRIL 12 - 8 P.M. Public Sale of 70 Head High Grade Holstein Dairy Cattle to be held at the Aberdeen Sales Co. Livestock Auction Market in Churchville, Harford Co., Md., located on Md. Rt. 22, 6 mi. east of Bel Air, Md. (via U. S. Rt. 1) and 6 mi. west of Aberdeen, Md., (via U.S. Rt. 40 or Kennedy Highway). Aberdeen Sales Co., sale Managers; Kent R. Ferrell, Auctioneer.

THURS. APRIL 12 - 11:30 A.M. Public Sale of Holstein Dairy Cows, Heifers and Farm Machinery located 1 mile north of Atglen, 1½ miles south of Route 30, half-way between Gap and Parkesburg, Chester County, Pa. along Swan Road Terms by Jacob G Hollinger; Leroy Zook, Auctioneer

SAT APRIL 12 - 10:30 A M. Public Sale of Farm Machinery, Dairy Heifers and Antiques located on the premises between Palmyra and Campbelltown in Lebanon County, Pa Turn South at the square in Palmyra or turn North off Rt. 322 in Campbelltown at the BP station and proceed 1 mile to the farm. Conditions by Harold and Gladys Brandt; Harry H Bachman, Auctioneer.

FRI APRIL 13- Registered Holstein Herd Dispersal for James F Myer, located 1 mile west of Rte. 501 along Brubaker Valley Road Wilbur H. Hosler, Auctioneer

FRI APRIL 13- 1 30 P M Annual Spring Cattle Sale by Blue Ridge Livestock Sales, Inc , Charles Town, W Va

FRI APRIL 13- 1 P M Ray K. Espenshade Auction, Cattle, Barn and Milking Equipment located at Coudersport, Pa. 4 miles west of Coudersport on Rt 6 Sale Managers and Auctioneers, William Kent, Inc , Bergen, N Y and Golden Genes Service, Inc , Mansfield, Pa and Rushville, Pa

SAT APRIL 14 - 1 30 P M. Public Sale of 200-250 Feeder Pigs located 1 mile south of Richland, 3 miles south of Myerstown on Rt 501, turn east at Country House Restaurant, follow sale signs. Terms by Paul M. Zimmerman, Myerstown RD2, Pa.; John E. and Paul E Martin, Auctioneers.

SAT. APRIL 14 - 10:30 A.M. Public Sale of Implements-Household Goods-Antiques on the premises 1 mile North of Fredericksburg. Turn North on Mechanic St in Fredericksburg and drive 1 mile Conditions by Abram and Lena Brandt; Roy I. Ebersole and Son, Auctioneers.

SAT APRIL 14- 12:30 P.M. Forest Greene Farms Sale of 62 Registered and 10 Hi-Grade Holsteins at the farm located on the South Hill Road two miles

(Continued on Page 51)

FOR COMPLETE SERVICE CALL

JOHN E. MARTIN

R.D. 1, Durlach Road, Ephrata

733-3511

or

PAUL E. MARTIN

Stevens R.D. 1, Box 561

733-3305

LICENSED AUCTIONEERS

No Sale Too Small or Large

Tents Available

★ Public Sales Register ★

(Continued from Page 53)

South of Whitesville, New York, 25 miles South of Hornell and 12 miles East of Wellsville, New York. Sale by Mr. & Mrs. Lewis Waters, Whitesville. Victor Kent, Sale Manager, and William Kent, Bergen, N. Y. Auctioneers.

SAT. APRIL 14 - 10:00 A.M. Public Sale of Valuable 88 acre dairy farm, full line of Machinery on the farm 16 miles north of Bloomsburg, ¾ mile east of Benton, known as Sunny Hillside Dairy. Sale by James Dildine, owner; Max Fraley, Auctioneer.

SAT. APRIL 14- Public Sale of Valuable Real Estate, Antiques, Household Goods, and Butchering Tools located along S. Church Ave. at the edge of Shrewsbury Boro, in Shrewsbury Twp., York County, Pa. Take Exit 1 off Interstate Rt. 83 & go West on Rt. 851 to South Highland Dr and proceed to S. Church Ave. or from Rt. 111 take E Church Ave. & Follow Signs to Sale. Sale by Mrs. John Lerew, Robert L Sechrist Auct., John Hope Anderson, Clerk.

SAT APRIL 14- 10 A M 5th Annual Public Sale of Rawlinsville Fire Co Farm Implements, Household Goods and Antiques Items sold on Commission Food served Phone 284-4530

SAT APRIL 14- Public Sale of Household Items, Antiques, Light Farm Equipment. Located along Strasburg Pike, opposite Precision Ave. in Strasburg Pa., Lancaster County Sale by George L Lefever; Carl Diller and J Everett Kreider, Auctioneers

SAT APRIL 14- 10:30 A.M. Public Sale of Household Goods and Farm Machinery located 2 miles West of Rising Sun, Md. along Rte 276 at railroad crossing Sale by Lucille R Gabbert, George L. Gibney, Auctioneer

SAT APRIL 14, 1 00 P.M. Public Sale of 1½ story frame dwelling, 1 car garage. 17x21 concrete block building for horses and carriage with storage above. Also household goods Located at 488 E Main St., Leola, Pa. about three miles west of New Holland on Rt 23 Real estate at 2·00 P M Sale by Earl Horst Robert E Martin and Frank L Steller, Auct Wentz and Weaver, Attys

SAT APRIL 14 - Public Sale of Real Estate, Antiques and Household Goods to be held along Route 241, at Lower Lawn, 5 miles northeast of Elizabethtown, 8 miles southeast of Hershey, 14 miles south of Lebanon Sale by Noah S. Wenger, Dupes, Gerberich, Fraley, Auctioneers

SAT APRIL 14 - 10 A M Clark Seed Farms Complete Dispersal to be held at the farm located 5 miles south of Cohocton, New York, 13 miles North of Bath, right on U S Route 15, just 1½ miles north of Wallace, New York Sale by Clark Seed Farms, owners, Victor Pirrung & Son, Sale Managers, Auctioneers, Wayland, New York 14572

MON APRIL 16- Evening Horse Sale by Paul Z. Martin, 2 miles East of Intercourse, Pa. Rte. 340. Outstanding Kentucky Horses. Martin, Aucts.

TUES. APRIL 17- 10:30 A.M. Public Sale of Farm Equipment located just off Route 222, 5 mile south of Quarryville, one half mile west of Unicorn, along the Black Bear Road on the Albert Stone Farm, East Drumore Twp., Lancaster Co., Pa. Sale by Albert P. Stoner; Kersey A. Bradley, Auctioneer.

THURS. APRIL 19 - 12 Noon Holstein Auction at Maryland Farm Sale Barn, located ½ mile NW of Woodsboro, on Rt. 550, Frederick County. Sale by Melvin Kolk, Inc., 621 Willow Road, Lancaster, or Maryland Farm, R.D. 1 Woodsboro, Md. James G Trout, Auctioneer.

FRI. APRIL 20- 7:30 P.M. Feeder Cattle and Calf Sale at South Branch Stockyards, Inc., Moorefield, West Virginia

FRI. APRIL 20- 9:30 A.M. All Day Consignment Sale located on North Maple Avenue, Leola, ½ mile North of Route 23. Sale by David H. Good; Frank and Paul Snyder and Robert E. Martin, Auctioneers.

FRI. APRIL 20- 1 P.M. Winchester Spring Feeder Calf and Yearling Sale to be held at Farmers Livestock Exchange, Inc. Winchester, Virginia.

FRI. APRIL 20- 8 P.M. Sale of 50 to 70 Head Grade and Purebred Holsteins at the Black and White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile west of breeding unit. Sale by Charles C. Myers, owner: Abe Diffenbach, Auctioneer.

SAT. APRIL 21 - 2 P.M. Public Auction of Country Real Estate located along Shade Mountain, 3 mile north of McAlisterville, ½ mile east of Route 235. Sale by the Estate of Esther R. Smith, deceased; Long Bro's, Auctioneers, Port Royal, Pa.

SAT. APRIL 21 - 12:30 P.M. Public Sale of Feeder Steers,

(Continued on Page 55)

LLOYD H. KREIDER

AUCTIONEER
and
SALES MANAGER

330 West State St
Box 2 RD1
Quarryville, Pa 17566
Ph. 786-3394

We Specialize in Liquidation Sales of All Kinds
Farm Machinery, Construction Equipment and Land

FARM MACHINERY

AUCTION SALE

Tractors and Farm Machinery
Exit 10 or 11 off Interstate 83 Emigsville, Pa.

APRIL 21, 1973

at 10 o'clock A.M.

SALE RAIN OR SHINE

York Co. Farm & Ind. Equip. Co. Inc.

4 Miles North of York, Pa. on Route 181
Box 222 Emigsville, Pa. 17318
Phone: 717-764-6412

PUBLIC SALE

HOLSTEIN DAIRY COWS, HEIFERS and FARM MACHINERY

THURSDAY, APRIL 12, 1973

Located 1 mile north of Atglen, 1½ miles south of Route 30, Half-way between Gap and Parkesburg, Chester County, Pa., along the Swan Road.

32 - HEAD -32
DAIRY COWS

All stages of production, Bred by Curtiss Candy, 9 Purebred Cows, 3 bred by Astronaut, 5 bred Heifers, 9 Open Heifers, 7 3-month Heifers. TB and blood tested. Charts for each cow.

Farm Machinery

Massey Harris No 10 Baler, N.H. Blower and Pipe; N.H. Flail Chopper, No 15 I.H Hay Rake, Cunningham Hay Crimper, 24-ft Smoker Elevator; New Idea Elevator; I.H. Snapper, Ford 3-pt Cultivator, P R. Corn Picker; I.H. Chopper, 3 Flat Wagons; Spring Tooth Harrow; Other Miscellaneous Items

3 Surge Milker Units, Jet-Flo Surge Alamo Milker Pump, 3-yrs old, Buckets, Strainer.

Stud Pony, Cart and Harness

Approximately 8-ton Mixed Hay

Sale at 11:30 a.m.

TERMS BY
JACOB G. HOLLINGER

LEROY ZOOK, Auctioneer

Lunch Available.

+ Also at the same time and place the following items will be sold for Amos Stoltzfus: U-320-M.M. tractor and manure loader, 4 bottom tractor plow; 36 disc harrow with sealed bearings; 12' cultimulcher, New Idea PTO manure spreader; 5 ton wagon with hay rack; flat wagon; Massey Harris No. 50 combine with bin; Clover seed sower.

PUBLIC SALE

VALUABLE REAL ESTATE, ANTIQUES, HOUSEHOLD GOODS & BUTCHERING TOOLS

SATURDAY, APRIL 14, 1973

at 10:30 A.M. Sharp

Real Estate to be offered at 2:00 P.M.

Located along South Church Ave. at the edge of Shrewsbury Boro, in Shrewsbury Twp., York Co., Pa. Take Exit 1 off Interstate Rt. 83 and go west on Rt. 851 to South Highland Dr. and proceed to South Church Ave. or from Rt. 111 take East Church Ave. and follow signs to sale.

2:00 P.M. Real Estate 2:00 P.M.

Very valuable development property to be offered in 7 seperate parcels and then in its entirety. Consisting of a total of 136 acres more or less. Only 5 min. from Exit 1 of Rt. 83 Expressway & must be seen to be appreciated.

Parcel A - Containing 2.700 acres improved with a 2 story frame dwelling, small barn, other outbuildings & pasture lot, located along the east side of S. Church Ave.

Parcel B — containing 5.897 acres of clear level land located along the west side of South Church Ave.

Parcel C — containing 6.556 acres improved with a large 2 story frame dwelling, large bank barn, garage, and other outbuildings, and located south of old Twp. Rd. #532 and east of South Church Ave.

Parcel D — containing 8.895 acres improved with a 2 story frame dwelling, bank barn, garage, pasture land with a large pond, located south of Parcel C along the east side of South Church Ave.

Parcel E — containing 8.792 acres of clear land, south of Parcel D and divided from the same by the Stewartstown Railroad, also located east of South Church Ave. and north of Twp. Rd. #441.

Parcel F — containing 56 acres more or less and located north of old Twp. Rd. #532. This tract of land also joins the Shrewsbury Water Co. and is mostly clear land.

Parcel G — containing 47.8 acres more or less and located south of old Twp. Rd. #532 and east of Parcel C & D. This tract also has approx. 855 ft. of frontage along Interstate Rt. 83.

For inspection or terms and conditions of real estate please call Atty. J. Ross McGinnis, 843-8871 or 382-4407 or Auct. R. L. Sechrist, 382-4379.

Antiques, Household Goods, and Butchering Tools

Columbia small size cook stove; player piano with rolls; side board; chest of drawers; large oak cupboard; other old cupboards; drop leaf table; clothes trees; rope bed; oak table & chairs; cane seated chairs & rockers; oak rockers; oak dressers & beds; kitchen cabinet; 2 ladder back rocking chairs; oak kitchen chairs; studio couch; old wooden chest; trunks; desk; electric stove; 2 refrigerators; dining room suite; rugs of all sizes; buffets; 4 bedroom suites; occ. chairs; gliders & porch chairs; large chest type freezer; 2 kerosene heaters; oil tank; coal range; stands; elec. egg grader; complete line of butcher tools, kettles, crocks, jars, barrels, lard cans, ant. scales; 2 sink pitcher pumps; meat grinder; sausage stuffer; one horse sleigh; dishes, pots, pans, and many other items too numerous to mention.

Terms: cash or approved check

Mrs. John P. Lerew,
Owner

Robert L. Sechrist, auctioneer Ph. 382-4379
John Hope Anderson, clerk

Not responsible for accidents

Refreshment rights reserved

★ Public Sales Register ★

(Continued from Page 54)

Heifers, Bulls, Farm Equipment on the premises located in York County, 12 miles West of York, Pa., ¼ mile East of East Berlin, Pa. along Route 234. Sale by C. L. "Cot" Jacobs and Barry L. Jacobs, owners, R.D. 1, East Berlin, Pa.; Clair R. Slaybaugh, Auctioneer, Idaville, Pa.

SAT. APRIL 21 - 10:30 A.M. Public Sale of Farm Machinery, Dairy Heifers and Antiques located on the premises between Palmyra and Campbelltown in Lebanon County, Penna. Turn South at the square in Palmyra or turn North off Rt. 322 in Campbelltown at the BP station and proceed 1 mile to the farm. Conditions by Harold and Gladys Brandt; Harry H. Bachman, Auctioneer.

SAT. April 21- 10 A.M. Farm Machinery Auction Sale, Located Exit 10 or 11 off Interstate 83 Emigsville, Pa. Sale by York Co. Farm & Ind. Equip. Co., Inc., 4 miles North of York, Pa. on Route 181.

SAT. APRIL 21- 10 A.M. Public Sale of Household Goods, Antiques, Farming Implements, Tools, and Car, of the Late J. Donnell Taylor Estate located approx. 1 mile south of the East Prospect Rd. along Millers Mill Rd. and about ½ mile north of Holts, in Windsor Twp. York Co., Pa Sale by Ross B Taylor and Dwight E Taylor, Executors; Robert L Sechrist, Auctioneer.

SAT. APRIL 28- 11 A.M. Annual Spring Heifer Sale at the Black and White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in-Theatre or ¼ mile west of breeding unit. Sale by Charles C. Myers, owner.

SAT. APRIL 28- 9:30 A.M. Public Sale of Real Estate, Farm Machinery, Tools, Household Goods and Antiques of the Late Jacob S. Forry Estate located approx. 2 miles west of Exit 2 (Glen Rock Interchange) of Rt. 83 or approx. ½ mile off Rt. 111 along Pa. Rt. 216 turning at Krout's School House at the premises known as Stine's Woods, in Springfield Twp., York Co. Pa. Walter L. Forry, Sr. Executor; Robert L. Sechrist, Auctioneer.

SAT. APRIL 28- 10 A.M. Public Sale of Valuable Farm Machinery, Antiques and Personal Property located at RD 5, York, Pa. in Manchester Twp. on Crone Rd. Extd., turn on Crone Rd. near Manchester Twp. Bldg. Terms by Mrs. Margaret C. Smith for the late Levere F. Smith. Jacob A. Gilbert and Charles Bachman, Auctioneers.

SAT. MAY 5 - 1 P.M. Public Sale of Farm Machinery and Household Goods located ½ mile North of Buck Foundry off 272 at Truce. Sale by Josephine A. Wolfe; Lloyd Kreider, Auctioneer.

SAT. JUNE 2 - 9:30 A.M. D.S.T. Public Sale of Antique Furniture, Antique Dishes and Glassware, Toys, Collector's Items, Guns, and Household Goods of the Late Grace Grim Estate located at 7 East High St., Windsor Boro, York Co., Pa. Sale by Mr. & Mrs. Lafean Grim, owners; Robert L. Sechrist, auctioneer.

READ LANCASTER FARMING FOR FULL MARKET REPORTS

PUBLIC AUCTION

OF COUNTRY REAL ESTATE

SATURDAY, APRIL 21, 1973

2:00 p.m.

Located along Shade Mountain, 3 miles north of McAlisterville, ½ mile east of Route 235.

Estate of Esther R. Smith, deceased. 3 parcels woodland No. 1-20A; No. 2- 40A; No. 3- 38A; 1 parcel cleared land 14A.

For terms and inspection phone 717-463-2965 or 717-463-2968.

LONG BRO'S. AUCTIONEERS
Port Royal
RD1, Pa. 17082
Ph. 717-527-4458

PUBLIC SALE

70 HEAD HIGH GRADE HOLSTEIN DAIRY CATTLE

Sale to be held at the ABERDEEN SALES CO. Livestock Auction Market in Churchville, Harford Co., Md., located on Md. Rt. 22, 6 mi. east of Bel Air, Md., (via U.S. Rt. 1) and 6 mi. west of Aberdeen, Md., (via U.S. Rt. 40 or Kennedy Highway) on

FRIDAY, APRIL 12, 1973

Sale Time is 8:00 P.M.

This sale features the entire herd of Mr. Herman Hansen of Joppa, Md. This herd has used artificial breeding from Curtis and Md.-West Va. for 26 years. These are young animals with quality and good udders. The majority of the cattle will freshen this summer and early fall for milk base. All cows will be checked for pregnancy by a veterinarian.

Mr. John Bell of Catlett, Va. will have 2 loads of fresh and close springing heifers. You know the kind of cattle Mr. Bell has shipped in the past. He tells us these heifers are as good as the best.

There will also be other local consignments.

All cattle are T.B. accredited, certified Bangs Free, tested within 30 days of sale for inter-state shipments. Milk weights, breeding dates, etc. will be given at sale time.

ABERDEEN SALES CO.
Sale Managers
Kent R. Ferrell, Auctioneer
P.O. Box C
Aberdeen, Md. 21001
301-734-6050 or 734-7105

PRIVATE SALES DAILY
TRUCKING AVAILABLE
CONSIGNMENTS ACCEPTED

THE NEW OWNERSHIP OF

LANCASTER STOCKYARDS INC.

WILL CONTINUE THE POLICY OF A

STOCKER AND FEEDER AUCTION SALE

ON THE SECOND AND FOURTH FRIDAY EACH MONTH

NEXT SALE APRIL 13, 1973

SALE STARTS AT 1:00 P.M.

All Grades, Breeds, Weights — Load Lots — Small Lots

Lancaster Stockyards, Inc.

LANCASTER, PA. PH. 717-394-2611

MEMBER DEALERS

WALTER M. DUNLAP & SONS
J. M. HOOBER & SON
LOUIS LYONS & SON
JOHNSON CATTLE CO.
MERTON W. McCOY
WM. W. McCOY
T. G. KREIDER
EDW. L. BROWN
S. L. HEILBRON & SONS

PUBLIC SALE

OF IMPLEMENTS HOUSEHOLD GOODS and ANTIQUES

SATURDAY, APRIL 14, 1973

10:00 A.M. SHARP

On Premises 1 mile North of Fredericksburg. Turn North on Mechanic St. in Fredericksburg and drive 1 mile.

IMPLEMENTS

Front end mounted tractor circular saw, tractor plows, steel roller, disc, spring tooth harrow, dump rake, metal wagon frame, 2 wheel trailer, rubber tire wagon, without box, spike harrow, potato plow, Wizard walking plow, walking cultivator, farm gate, 2 metal wheelbarrows (one with rubber tire), 2 wooden wheelbarrows, lawn sweeper with gas engine, 2 rotary power mowers, Cyclone Hand grass seeders, Surge milker pump model S.P.-11, Surge milker unit, pipe and stall cocks for 17 cows, 2 milk coolers, vacuum milk can lift, milk cans, buckets, strainers, electric fly foger, platform scale, grindstone, new lumber, roofing, shingles, new spouting, aluminum window sash, hand well water pumps, 30 gal. drum heavy duty oil, 50 ft. endless belt, wooden and metal pulleys, heavy hay ropes, 36" tractor chains, cow chains, snow fences, metal posts, Int. electric fencer (weed chopper), fencing, chicken crates, tires, hog trough, metal pipes, garden tools.

HOUSEHOLD GOODS

R.C.A. 20 cu. ft. chest type freezer, Frigidaire 20 cu. ft. chest type freezer, R.C.A. 14 cu. ft. refrigerator with top chest freezer, 2 electric refrigerators, Monarch combination coal and electric range, Estate heatrolas, double oil space heater, breakfast table and chairs, kitchen cabinet, metal double utility cabinet, floor model radio, 3 spd. window fan, treadle sewing machine, high chair.

ANTIQUES

Double brass bed, brass clothe tree, 3 pc. Oak bedroom suite, oak double bed, rope bed, wooden youth bed, roll-top desk, old washstand, 2 round oak extension tables, small oak table, 4 wooden dining room chairs, 3 blanket chests, 3 wood chests, clothe tree, Victor victrola, wooden rockers, scalding trough and chains, sausage stuffer, 3 large iron butcher kettles, ladles, spatulas, bone saw, butcher knives, 30 gal. copper kettle and stirrer, 2 copper wash boilers, 2 cycle gas engine, old 30 ft. extension ladder, wooden forks and rakes, wall mirror, picture frames, market scale with weights, unusual shoe making outfit, butter churns (one with legs), buggy light, coffee grinder, cherry seeder, apple peeler, money box, large and small crocks, all kinds of jugs, Cherry Boy (repaired), mantle clocks, 8 day wall calendar clock, tie racks, wash boards, shawls and woolen caps, old nut cracker, bone handle knives, and forks, flat irons, copper bottom tea kettles, tin ware, kerosene hanging light, other kerosene lights, 2 antique table lights, 2 pitcher and bowl sets, jars, dated jars, jelly glasses, Glassware—Carnival, Depression, Ruby, Milkwhite, and Pressed glass. Large glass water pitcher, horseshoe glasses, goblets, bottles, horseshoe bottle, milk bottles, small glass train-boats and car, few antique China dishes, old Bible, books, white feed bags, canned fruit, bed clothing, salt and pepper shakers, dishes and other items.

Conditions by
Abram and Lena Brandt

Roy I. Ebersole and Son, Auctioneers
Wenger and Ebersole, Clerks

Lunch by Ladies Missionary Society of Lickdale U.M. Church

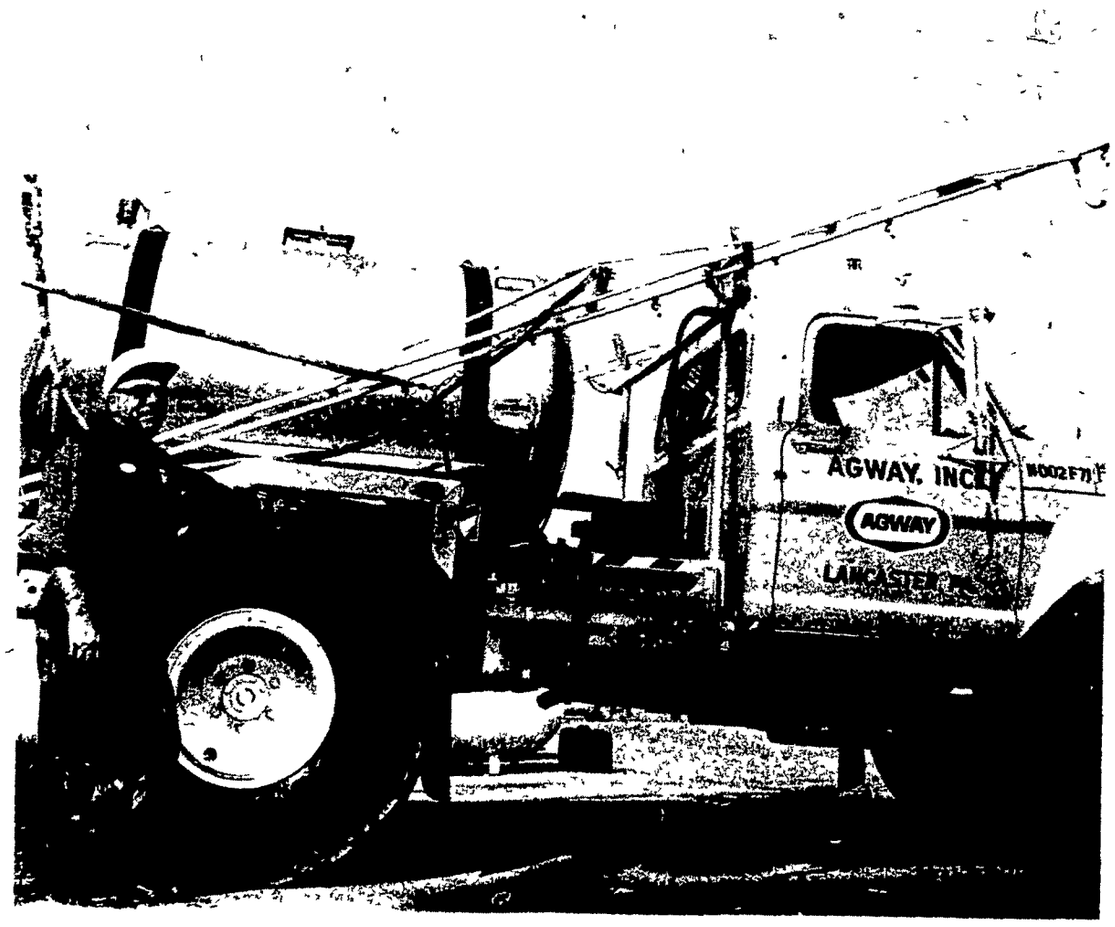
AGWAY

CORN STARTERS FORMULATED FOR YOUR SPECIFIC NEEDS WITH:

- 1.8% water-soluble magnesium for the plant's early needs
- 0.2% zinc to help guard against a possible deficiency in high pH and high phosphorus soils
- 0.05% boron, contributing much of the plant's needs for this element
- more than 60% water-soluble phosphorus for early root development under cold, wet, early-spring conditions

NICK FERRANT, JR.

LIQUID NITAN PLUS WEED CONTROL



AGWAYS LOCAL DRIVER-TRAINER, VERNON FRANKHOUSER

THE FAST, LOW-COST WAY TO CONTROL CORN WEEDS OR APPLY NITAN.

LET AGWAY DO THE JOB!

Agway's spray service is the ideal way to put down:

- Nitan on corn and grass
- Nitan plus herbicide on corn under the right conditions
- Herbicide on corn

IS YOUR FORAGE ONLY AS GOOD AS YOUR NEIGHBOR? DO YOU NEED A BALANCED RATIO: RIGHT™ FEEDING PROGRAM?

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SALUNGA STORE
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M. M. GOOD & SON
Gordonville
768-3781

ELIZABETHTOWN STORE
Wilson Street
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WILLOW STREET STORE
464-3521

QUARRYVILLE STORE
786-2126